

## Anti-c-FOS Recombinant Chicken Chimeric mAb



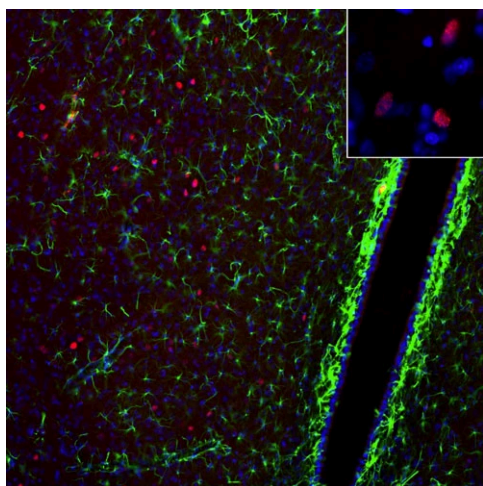
### Product Details

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Available Variants</b> | 100 µL (SKU:78-506)<br>20 µL (SKU:78-506-020)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>            | IgY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Clone</b>              | N486/32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>          | FOS, G0S7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Host Species</b>       | Chicken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration</b>      | 1 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Format</b>             | Purified by affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Physical State</b>     | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Buffer</b>             | 1X PBS, 0.05% Sodium Azide pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Production Notes</b>   | This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N486/32 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N486/32 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media and conjugated. |
| <b>Applications</b>       | ELISA, ICC, IHC, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species Reactivity</b> | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>          | Fusion protein amino acids 1-380 (full-length) of human FOS (accession number P01100) produced recombinantly in E. Coli                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>        | No cross-reactivity reported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Molecular Weight</b>   | 70 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

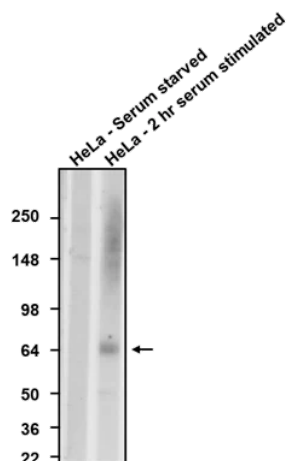
|                          |                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Quality Control</b>   | Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when tested by Western Blot.                                                    |
| <b>Storage</b>           | Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the vial prior to removing the cap. |
| <b>UniProt ID</b>        | <u><a href="#">P01100</a></u>                                                                                                                                                                                   |
| <b>Country of Origin</b> | United States                                                                                                                                                                                                   |
| <b>Shipping</b>          | Shipped on ice packs                                                                                                                                                                                            |
| <b>Expiration</b>        | 24 months from date of receipt                                                                                                                                                                                  |
| <b>Usage Statement</b>   | These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.                                                                            |

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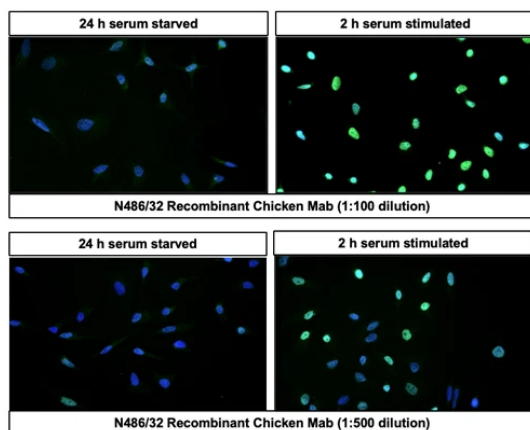
## Product Images



Representative image of 4% paraformaldehyde fixed free-floating rat brain sections stained with anti-c-FOS recombinant chicken monoclonal antibody (red) at 1:1000 dilution and co-stained with anti-GFAP rabbit polyclonal antibody (green). DAPI nuclear stain (blue) shows cell nuclei. Anti-c-FOS specifically stains only the nuclei of the spontaneously active neurons. Image courtesy of EnCor Biotechnology.



Western blotting of serum starved (24 h) and serum stimulated (2 h) HeLa cells using Aves Labs anti-c-Fos recombinant chicken monoclonal antibody (Cat. 78-506). The chicken mAb was detected with anti-chicken-HRP (Cat. 80-1000-HRP). Aves Labs Recombinant Chicken anti-c-Fos mAb recognizes endogenous c-Fos in the serum stimulated HeLa cells at ~65 kDa.



Immunofluorescent staining of serum starved (24 h) and serum stimulated (2 h) HeLa cells using indicated dilutions of Aves Labs anti-c-Fos recombinant chicken monoclonal antibody (Cat. 78-506) using goat anti-chicken IgY CF®488 secondary antibody (Cat. 80-1001-488) (green). DAPI nuclear stain (blue) shows cell nuclei. The cells were mounted with Antibodies Incorporated Fluoroshield with DAPI mounting medium (Cat. AR-6501). Anti-c-Fos specifically stains the nuclei of serum stimulated HeLa cells.

Product Page URL: [www.antibodiesinc.com/products/anti-c-fos-recombinant-antibody-n486-32-78-506](http://www.antibodiesinc.com/products/anti-c-fos-recombinant-antibody-n486-32-78-506)



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