

# Anti-Bassoon Recombinant Chicken Chimeric mAb



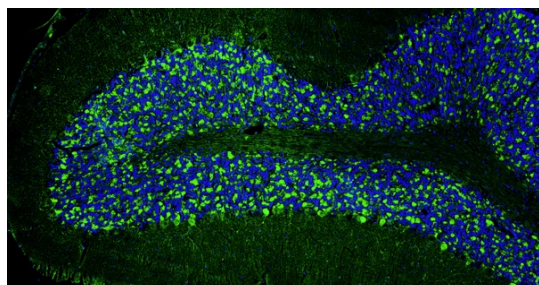
## Product Details

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Available Variants</b> | 100 µL (SKU:78-491)<br>20 µL (SKU:78-491-020)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>            | IgY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Clone</b>              | L124/59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>          | Bsn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <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 L124/59 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone L124/59 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. |
| <b>Applications</b>       | AT, ELISA, ICC, IHC, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Dilution Ranges</b>    | IHC: 1:500<br>ICC: 1:500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species Reactivity</b> | Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Immunogen</b>          | Fusion protein amino acids 157-517 (zinc finger domains) of rat Bassoon (accession number O88778) produced recombinantly in E. Coli                                                                                                                                                                                                                                                                                                                                                                                        |

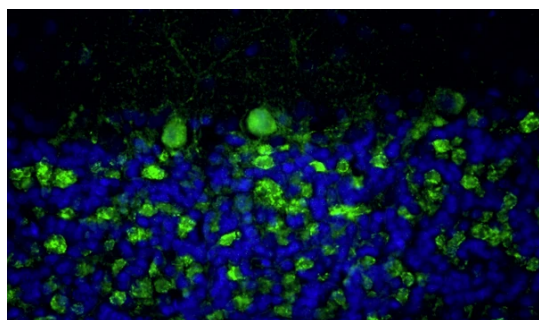
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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity</b>       | No cross-reactivity reported                                                                                                                                                                                    |
| <b>Molecular Weight</b>  | 400 kDa for full-length protein, many smaller bands possible depending on sample used                                                                                                                           |
| <b>Quality Control</b>   | Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.                                                                     |
| <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="#">O88778</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 section of formalin fixed, paraffin-embedded rat brain cerebellum region stained with anti-Bassoon recombinant chicken monoclonal antibody (green) (Cat. 78-491) at 1:100 dilution. The sections were mounted with Antibodies Incorporated Fluoroshield™ with DAPI and DABCO mounting medium (Cat. AR-6505). DAPI nuclear stain (blue) shows cell nuclei. Anti-Bassoon stains the presynaptic sites on Purkinje cell dendrites in the molecular layer of the cerebellum. Magnification 100X.



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Created on 08. September 2026 | All information without guarantee