

## Anti-Arginase I (ARG1) Antibody



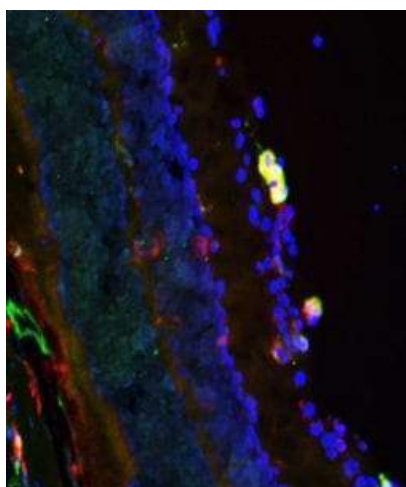
### Product Details

|                             |                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Available Variants</b>   | 100 µL (SKU:146-ARG1)<br>25 µL (SKU:146-ARG1t)                                                                                                         |
| <b>Conjugate</b>            | Unconjugated                                                                                                                                           |
| <b>Isotype</b>              | IgY                                                                                                                                                    |
| <b>Gene Name</b>            | ARG1                                                                                                                                                   |
| <b>Host Species</b>         | Chicken                                                                                                                                                |
| <b>Format</b>               | Total IgY fraction                                                                                                                                     |
| <b>Physical State</b>       | Liquid                                                                                                                                                 |
| <b>Buffer</b>               | 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.                                                                                 |
| <b>Production Notes</b>     | Total IgY fraction.                                                                                                                                    |
| <b>Applications</b>         | ELISA, IHC, WB                                                                                                                                         |
| <b>Dilution Ranges</b>      | WB: 1:1000<br>IHC: 1:500                                                                                                                               |
| <b>Species Reactivity</b>   | Guinea Pig, Human, Mouse, Rat                                                                                                                          |
| <b>Immunogen</b>            | Full-length recombinant rat liver arginase I expressed in and purified from E. Coli.                                                                   |
| <b>Specificity</b>          | Specific for endogenous levels of the ~35-38 kDa arginase I protein.                                                                                   |
| <b>Molecular Weight</b>     | 35/38 kDa                                                                                                                                              |
| <b>Quality Control</b>      | Western blots performed on each lot.                                                                                                                   |
| <b>Storage</b>              | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C. |
| <b>Antibody Registry ID</b> | AB_2732850                                                                                                                                             |

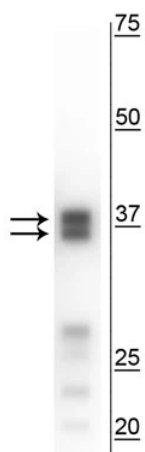
|                        |                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UniProt ID</b>      | <u>P07824</u>                                                                                                                                                          |
| <b>Shipping</b>        | Blue Ice                                                                                                                                                               |
| <b>Expiration</b>      | After date of receipt, stable for at least 1 year at -20°C.                                                                                                            |
| <b>Usage Statement</b> | For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website. |
| <b>NCBI Gene ID</b>    | 29221                                                                                                                                                                  |

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## Product Images



Immunofluorescent image of mouse retina specifically labeling arginase (Cat. 146-ARG, 1:500, green) and CD206 (red). The blue nuclear stain is DAPI. The image was kindly provided by Sarah Gough, University of Miami Miller School of Medicine.



Western blot of mouse liver lysate showing specific immunolabeling of the ~35, 38 kDa arginase I protein.



Created on 09. September 2026 | All information without guarantee