

## Liver Arginase Rabbit mAb

Catalog No: #52399

Package Size: #52399-1 50ul #52399-2 100ul

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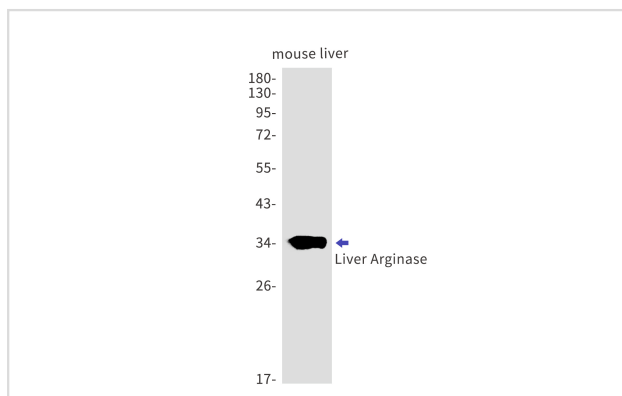
## Description

|                       |  |
|-----------------------|--|
| Product Name          | Liver Arginase Rabbit mAb  |
| Host Species          | Recombinant Rabbit   |
| Clonality             | Monoclonal antibody  |
| Clone No.             | S03-614  |
| Isotype               | Rabbit IgG   |
| Purification          | Affinity Purified  |
| Applications          | WB   |
| Species Reactivity    | Mouse,Rat  |
| Immunogen Description | Recombinant protein of mouse Liver Arginase  |
| Conjugates            | Unconjugated   |
| Modification          | Unmodification   |
| Other Names           | Liver-type arginase;Type I arginase  |
| Accession No.         | Swiss-Prot:P07824GenelD:11846  |
| Uniprot               | P07824   |
| GenelD                | 11846  |
| Calculated MW         | Calculated MW: 35 kDa; Observed MW: 35 kDa   |
| Concentration         | 0.3 mg/ml  |
| Formulation           | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA    |
| Storage               | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

## Application Details

WB: 1/1000;

## Images



Western blot detection of Liver Arginase in mouse liver cell lysates using Liver Arginase Rabbit mAb(1:1000 diluted).Predicted band size:35kDa.Observed band size:35kDa.

## Background

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Swiss-Prot Acc.P07824. Key element of the urea cycle converting L-arginine to urea and L-ornithine, which is further metabolized into metabolites proline and polyamides that drive collagen synthesis and bioenergetic pathways critical for cell proliferation, respectively; the urea cycle takes place primarily in the liver and, to a lesser extent, in the kidneys.

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Note: This product is for in vitro research use only