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**Product Name: Liver Arginase Rabbit Monoclonal Antibody****Catalog #: AMRe87147**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,FC,IP
<b>Reactivity</b>	Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:200-1:2000,FC 1:50-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:35 kDa; Observed MW:40 kDa

**Antigen Information**

<b>Gene Name</b>	Liver Arginase
<b>Alternative Names</b>	AI; PGIF; Arg-1; AI256583
<b>Gene ID</b>	11846
<b>SwissProt ID</b>	P07824
<b>Immunogen</b>	Recombinant protein of mouse Liver Arginase

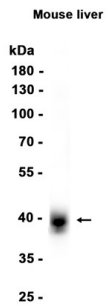
**Background**

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

## Research Area

## Image Data



Western blot analysis of extracts from Mouse liver tissue using Liver Arginase Rabbit Monoclonal Antibody at 1:5000.