Liver Arginase Rabbit mAb

Catalog No: #58567

Package Size: #58567-1 50ul #58567-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Liver Arginase Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP
Species Reactivity	Human
Specificity	Liver Arginase Antibody detects endogenous levels of total Liver Arginase
Immunogen Description	A synthesized peptide derived from human Liver Arginase
Other Names	ARG1; Type I arginase; Arginase-1; Liver-type arginase;
Accession No.	Uniprot:P05089
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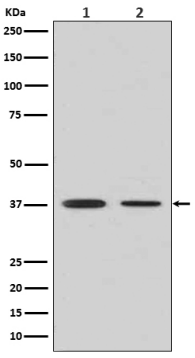
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

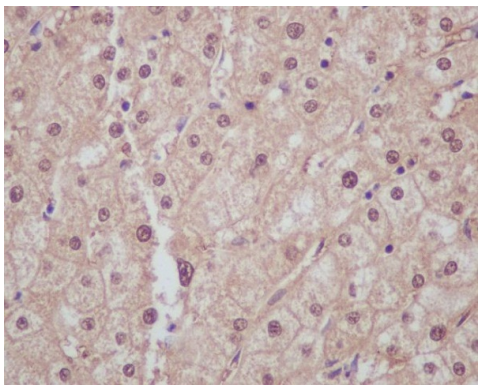
Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:30

Images



Western blot analysis of Liver Arginase in (1) Human fetal liver lysate; (2) Human fetal lung lysate.



Immunohistochemical analysis of paraffin-embedded human liver, using Liver Arginase Antibody.

Product Description

Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type I isoform encoded by this gene, is a cytosolic enzyme and expressed predominantly in the liver as a component of the urea cycle. Inherited deficiency of this enzyme results in argininemia, an autosomal recessive disorder characterized by hyperammonemia.

Background

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Note: This product is for in vitro research use only