Product Datasheet

Liver Arginase Rabbit mAb

Catalog No: #49867

Package Size: #49867-1 50ul #49867-2 100ul

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

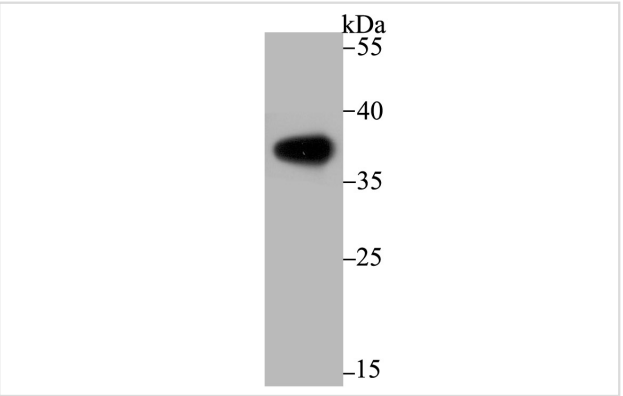
Description

Product Name	Liver Arginase Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB21-49
Purification	ProA affinity purified
Applications	WB,IHC,IP
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	A I antibody Al antibody ARG 1 antibody arg1 antibody ARGI1_HUMAN antibody Arginase 1 antibody Arginase liver antibody Arginase type I antibody Arginase, liver antibody Arginase-1 antibody Arginase1 antibody Liver type arginase antibody Liver-type arginase antibody Type I arginase antibody
Accession No.	Swiss-Prot#:P05089
Uniprot	P05089
GeneID	383;
Calculated MW	36 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

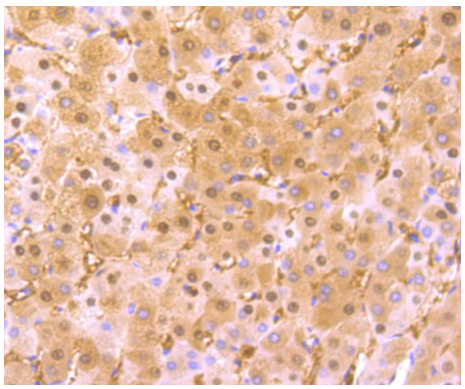
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200IP: 1:10-1:50

Images



Western blot analysis of Liver Arginase on human liver tissue lysate using anti-Liver Arginase antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Liver Arginase antibody. Counter stained with hematoxylin.

Background

Arginase I (also designated liver-type arginase), which is expressed almost exclusively in the liver, catalyzes the conversion of arginine to ornithine and urea. Arginase I exists as a homotrimeric protein and contains a binuclear manganese cluster. Arginase II catalyzes the same reaction as arginase I, but differs in its tissue specificity and subcellular location. Specifically, arginase II localizes to the mitochondria. Arginase II is expressed in non-hepatic tissues, with the highest levels of expression in the kidneys, but, unlike arginase I, is not expressed in liver. In addition, arginase II contains a putative amino-terminal mitochondrial localization sequence..

References

Note: This product is for in vitro research use only