10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Liver Arginase Rabbit mAb

Catalog # AP76910

Product Information

Application	WB, IP
Primary Accession	P05089
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human ARG1
Purification	Affinity Chromatography
Calculated MW	34735

Additional Information

Gene ID	383
Other Names	ARG1
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	Liquid in 1xPBS(pH 7.4), 150mM NaCl, 50% Glycerol, 0.02% 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.

Protein Information

Name	ARG1
Function	Catalyzes the final step of the urea cycle by hydrolyzing L- arginine into urea, a nitrogenous waste product, and L-ornithine, a precursor to proline and polyamines; the urea cycle occurs primarily in the liver and, to a lesser extent, in the kidneys.
Cellular Location	Cytoplasm, cytosol. Cytoplasmic granule. Note=Localized in azurophil granules of neutrophils (PubMed:15546957)
Tissue Location	Within the immune system, initially reported to be selectively expressed in granulocytes (polymorphonuclear leukocytes [PMNs]) (PubMed:15546957). Also detected in macrophages in mycobacterial granulomas (PubMed:23749634). Expressed in group2 innate lymphoid cells (ILC2s) during lung disease (PubMed:27043409)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.