

Liver Arginase Rabbit mAb
Catalog # AP77382

Specification

Liver Arginase Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	P05089
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	34735

Liver Arginase Rabbit mAb - Additional Information

Gene ID 383

Other Names
ARG1

Dilution
WB~~1/500-1/1000
IHC~~1/50-1/100

Format
Liquid

Liver Arginase Rabbit mAb - Protein Information

Name ARG1

Function
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.

Cellular Location
Cytoplasm. 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 mycobacterial granulomas (PubMed:23749634). Expressed in group2 innate lymphoid cells (ILC2s) during lung disease (PubMed:27043409)

Liver Arginase Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Liver Arginase Rabbit mAb - Images

