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Arginase-1

Rabbit Monoclonal Antibody (Mab)
Catalog # AD80436

Product Information

Primary Accession	P05089
Reactivity	Human
Host	Rabbit
Calculated MW	34735

Additional Information

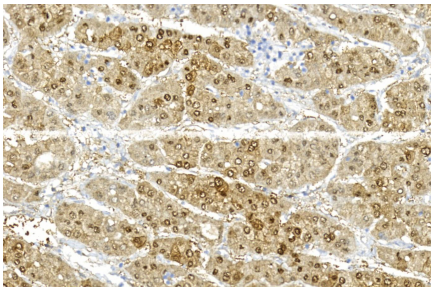
Gene ID	383
Gene Name	ARG1
Other Names	Arginase-1, 3.5.3.1, Liver-type arginase, Type I arginase, ARG1
Storage	Maintain refrigerated at 2-8°C.
Precautions	Arginase-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

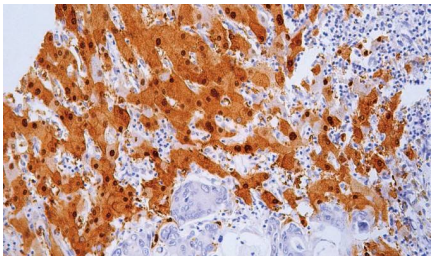
Protein Information

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)

Images

Immunohistochemical analysis of formalin-fixed and paraffin-embedded human liver carcinoma tissue was performed with Arginase-1 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.





Immunohistochemical analysis of formalin-fixed and paraffin-embedded human liver tissue was performed with Arginase-1 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

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