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Anti-ARG1 / Arginase 1 Antibody (clone 4E6)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18274

Product Information

Application	WB, IHC-P, FC
Primary Accession	P05089
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	4E6
Calculated MW	34735
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	383
Alias Symbol	ARG1
Other Names	ARG1, Arginase, liver, Arginase 1, Liver-type arginase, Liver arginase, Arginase-1, Type I arginase
Target/Specificity	Human ARG1 / Arginase 1
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-ARG1 / Arginase 1 Antibody (clone 4E6) 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

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