



Goat anti-Arginase, type 1 / ARG1 Antibody

Item Number	dAP-1080
Target Molecule	Principle Name: Arginase, type 1 / ARG1; Official Symbol: ARG1; All Names and Symbols: ARG1; arginase, type I; arginase, liver; A-I; Accession Number (s): NP_000036.2; Human Gene ID(s): 383; Non-Human GeneID(s):
Immunogen	REGNHKPIDYLNPPK, is from C Terminus Please note that ARG1 is not expressed in Human M2 macrophages, but it is in other species (eg rodents).
Applications	Pep ELISA, WB Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	Western Blot: Approx 37kDa band observed in Human Liver lysates (calculated MW of 34.7kDa according to NP_000036.2. Recommended concentration: 0.01-0.03µg/ml. An anonymous customer found positive results in WB on Mouse leukaemic monocyte macrophage cell
IHC	
Reference	Reference(s): Jiang M, Ding Y, Su Y, Hu X, Li J, Zhang Z. Arginase-flotillin interaction brings arginase to red blood cell membrane. FEBS Lett. 2006 Dec 11;580(28-29):6561-4. Epub 2006 Nov 13. .PMID: 17113085 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**