

Mouse anti-Human, Pig Arginase (ARG) Monoclonal Antibody | anti-ARG antibody

Monoclonal Antibody to Arginase (ARG)

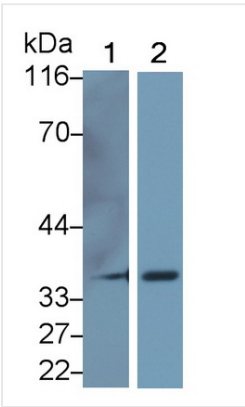
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151680	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

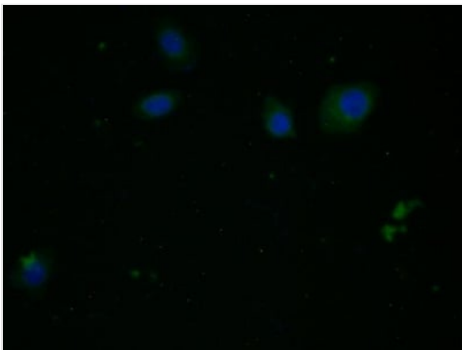
Arginase (ARG); Monoclonal Antibody; Monoclonal Antibody to Arginase (ARG); ARG/Arginase; ARG1; Arginase I; Liver Arginase; anti-ARG antibody

PRODUCT SPECIFICATIONS

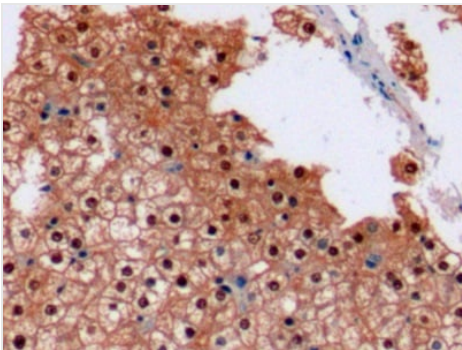
Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C7
Specificity	The antibody is a mouse monoclonal antibody raised against ARG. It has been selected for its ability to recognize ARG in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ARG antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Met1~Lys322
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



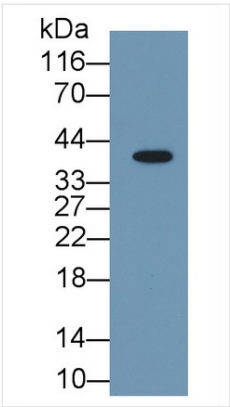
WB (Western Blot)
Western Blot; Sample: Lane1: Porcine Liver lysate; Lane2: HepG2 cell lysatePrimary Ab: 0.2ug/ml Mouse AntiHuman Arg AntibodySecond Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



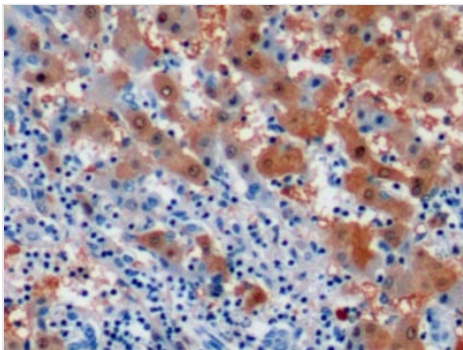
IF (Immunofluorescence)
FITC staining on IF;Samples: Human HepG2 Cells; Primary Ab: 40ug/ml Mouse AntiHuman Arg AntibodySecond Ab: 1ug/ml FITCLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu18



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Human Liver Tissue; Primary Ab: 10ug/ml Mouse AntiHuman Arg Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19



WB (Western Blot)
Western Blot Sample: Human Liver lysate Primary Ab: 2ug/ml Mouse AntiHuman Arg Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19



IHC (Immunohistochemistry)
DAB staining on IHCP;Sample: Human Liver cancer Tissue; Primary Ab: 10ug/ml Mouse AntiHuman Arg AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19

ADDITIONAL INFORMATION

Product Categories/Family for anti-ARG antibody	Enzyme & Kinase; Tumor immunity; Infection immunity; Hepatology; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10947139
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NCBI GeneID	383
NCBI Accession #	NP_000036.2
NCBI GenBank Nucleotide #	NM_000045.3
UniProt Accession #	P05089; Q5JWT5; Q5JWT6; Q8TE72; Q9BS50; A6NEA0
Molecular Weight	34,735 Da
NCBI Official Full Name	arginase-1 isoform 2
NCBI Official Synonym Full Names	arginase, liver
NCBI Official Symbol	ARG1
NCBI Protein Information	arginase-1; type I arginase; liver-type arginase
UniProt Protein Name	Arginase-1
UniProt Gene Name	ARG1
UniProt Entry Name	ARGI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/arginase-arg-antibody-clone-c7-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151680>