

Mouse anti-Human, Rat Arginase II (Arg2) Monoclonal Antibody | anti-Arg2 antibody

Monoclonal Antibody to Arginase II (Arg2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134817	Mouse	Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

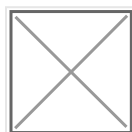
PRODUCT SYNONYMS

Arginase II (Arg2); Monoclonal Antibody; Monoclonal Antibody to Arginase II (Arg2); anti-Arg2 antibody

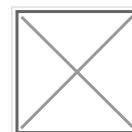
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	D3
Specificity	The antibody is a mouse monoclonal antibody raised against Arg2. It has been selected for its ability to recognize Arg2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-VHSAVIG APFSQGQKRK GVEHGPAAIR EAGLMKRLSS LGCHLKDFGD LSFTVPVKDD LYNNLIVNPR SVGLANQELA EVVSRAVSDG YSCVTLGGDH SLAIGTISGH ARHCPDLCVV WYDAHADINT PLTTSSGNLH GQPVSFLLRE LQDKVPQLPG FSWIKPCISS ASIVYIGLRD VDPPEHFILK NYDIQYFSMR DIDRLGIQKV MERTFDLLIG KRQRPIHLSF DIDAFDPTLA PATGTPVVG LTYREGMYIA EEIHNTGLLS ALDLVEVNPQ LATSEEEAKT TANLAVDVIA SSFGQTREGG HIVYDQLPTP SSPDESENQA RVRI
Sequence Length	354
Applicable Applications for anti-Arg2 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant Arg2 (Val23-Ile354) expressed in E.coli.
Cross Reactivity	Human
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue



WB (Western Blot)
Western Blot: Sample: Rat Small intestine lysate

NCBI AND UNIPROT INFORMATION

NCBI GI #	1763758
NCBI GeneID	384
UniProt Accession #	P78540; Q6FHY8; B2R690
Molecular Weight	38,578 Da
NCBI Official Full Name	arginase II
NCBI Official Synonym Full Names	arginase 2
NCBI Official Symbol	ARG2
NCBI Protein Information	arginase-2, mitochondrial; kidney arginase; type II arginase; arginase, type II; nonhepatic arginase; kidney-type arginase; non-hepatic arginase; L-arginine ureahydrolase; L-arginine amidinohydrolase
UniProt Protein Name	Arginase-2, mitochondrial
UniProt Gene Name	ARG2
UniProt Entry Name	ARGI2_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-ii-arg2-antibody-clone-d3-western-blot-immunohistochemistry-immunocytochemistry-elisa/134817>