

Rabbit MD-2 Polyclonal Antibody | anti-MD-2 antibody

MD-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301498	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

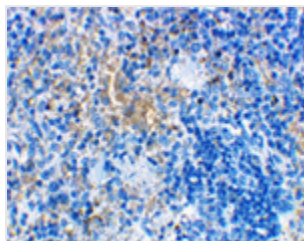
PRODUCT SYNONYMS

MD-2; Polyclonal Antibody; MD-2 Antibody; anti-MD-2 antibody

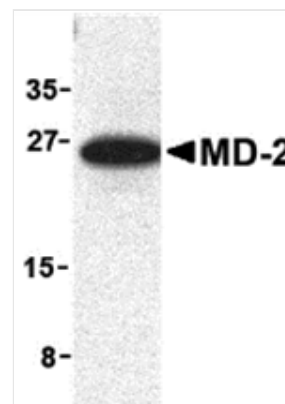
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Ion exchange chromatography purified
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	160
Applicable Applications for anti-MD-2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the middle region of human MD-2.
Target Name	MD-2
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of rat spleen cells using MD-2 antibody at 2 ug/mL.


WB (Western Blot)

Western blot analysis of MD-2 in mouse spleen cell lysate with MD-2 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-MD-2 antibody	MD-2 is a member of the Toll/interleukin-1 receptor (TIR) family, a group of proteins that include the Toll-like receptors (TLRs). TLRs are signaling molecules that recognize different pathogen-associated molecular patterns (PAMPs) and serve as an important link between the innate and adaptive immune responses. TLR4, the major signaling receptor for lipopolysaccharide (LPS), requires the binding of MD-2 to its extracellular region for maximal response to LPS. The specificity of this response is determined by the species of MD-2; e.g., human MD-2 can cause mouse TLR4 to react to LPS analogs that are normally antagonistic to human but not mouse TLR4.
Product Categories/Family for anti-MD-2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	307775407
NCBI GeneID	23643
NCBI Accession #	NP_056179
NCBI GenBank Nucleotide #	NM_015364.4
Molecular Weight	14,933 Da
NCBI Official Full Name	lymphocyte antigen 96 isoform 1
NCBI Official Synonym Full Names	lymphocyte antigen 96
NCBI Official Symbol	LY96
NCBI Official Synonym Symbols	MD2; MD-2; ly-96; ESOP-1
NCBI Protein Information	lymphocyte antigen 96
UniProt Protein Name	Lymphocyte antigen 96
UniProt Gene Name	LY96
UniProt Synonym Gene Names	ESOP1; MD2; Ly-96
UniProt Entry Name	LY96_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/md-2-antibody-immunohistochemistry-western-blot-elisa/301498>