

Rabbit MD-1 Polyclonal Antibody | anti-LY86 antibody

MD-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40400	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

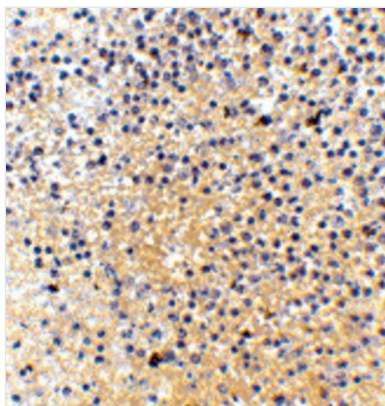
PRODUCT SYNONYMS

MD-1; Polyclonal Antibody; MD-1 Antibody; MMD-1; dJ80N2.1; MD1; Lymphocyte antigen 86; Protein MD-1; Ly-86; lymphocyte antigen 86; anti-LY86 antibody

PRODUCT SPECIFICATIONS

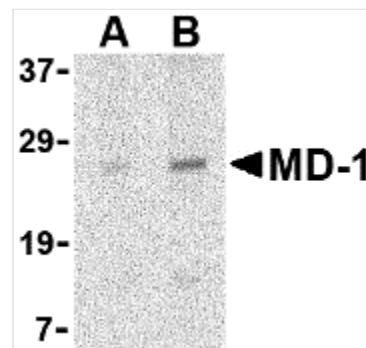
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	MD-1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	162
Applicable Applications for anti-LY86 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	MD-1 antibody was raised against a 15 amino acid synthetic peptide from near the center of human MD-1.
Buffer	MD-1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	MD-1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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)

Immunohistochemistry of MD-1 in human spleen tissue with MD-1 antibody at 2.5 µg/mL.



WB (Western Blot)

Western blot analysis of MD-1 in Daudi cell lysate with MD-1 antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-LY86 antibody	MD-1 Antibody: Toll-like receptors (TLRs) are evolutionarily conserved pattern-recognition molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. The signaling of these TLRs is kept under tight control by the expression of endogenous inhibiting proteins such as RP105, a recently identified homolog of TLR4. This protein, in association with MD-1, interacts with and inhibits the TLR4/MD-2 signaling pathway. While MD-2 can directly bind to LPS, one of the activating molecules of TLR4, the function of MD-1 is less well-known. It has been suggested however, that the RP105/MD-1 complex influences antibody production mediated by both TLR4/MD-2 and TLR2 receptor complexes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758708
NCBI GeneID	9450
NCBI Accession #	NP_004262
NCBI GenBank Nucleotide #	NM_004271.3
UniProt Accession #	O95711; Q9UQC4
Molecular Weight	17,906 Da
NCBI Official Full Name	lymphocyte antigen 86
NCBI Official Synonym Full Names	lymphocyte antigen 86
NCBI Official Symbol	LY86
NCBI Official Synonym Symbols	MD1; MD-1; MMD-1; dJ80N2.1
NCBI Protein Information	lymphocyte antigen 86; ly-86; protein MD-1; MD-1, RP105-associated
UniProt Protein Name	Lymphocyte antigen 86
UniProt Gene Name	LY86
UniProt Synonym Gene Names	MD1; Ly-86
UniProt Entry Name	LY86_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.