

Datasheet for ABIN6990648
anti-LY86 antibody



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	LY86
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LY86 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	MD-1 antibody was raised against a 15 amino acid synthetic peptide from near the center of human MD-1. The immunogen is located within the last 50 amino acids of MD-1.
Isotype:	IgG
Purification:	MD-1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	LY86
Alternative Name:	MD-1 (LY86 Products)
Background:	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

Target Details

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.

Gene ID:	9450
NCBI Accession:	NP_004262
UniProt:	O95711
Pathways:	Toll-Like Receptors Cascades

Application Details

Application Notes:	MD-1 antibody can be used for the detection of MD-1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	MD-1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	MD-1 antibody can be stored at 4°C for three months and -20°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.