antibodies - online.com







anti-LY86 antibody (Center)

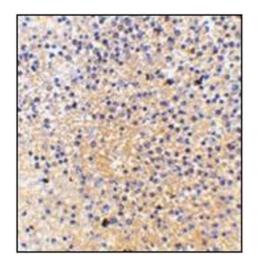




Overview	
Quantity:	0.1 mg
Target:	LY86
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LY86 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	MD-1 antibody was raised against a 15 amino acid peptide from near the center of human MD-1.
Isotype:	IgG
Specificity:	This antibody detects MD-1 at center.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography
Target Details	
Target:	LY86

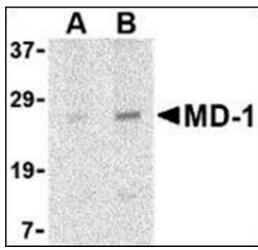
Target Details

Alternative Name:	LY86 / MD-1 (LY86 Products)
Background:	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. Synonyms: Lymphocyte antigen 86, MD1
Gene ID:	9450
NCBI Accession:	NP_004262
UniProt:	095711
Pathways:	Toll-Like Receptors Cascades
Application Details	
Application Notes:	ELISA. Western blot: 1 - 2 μg/mL. Immunohistochemistry on paraffin sections.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of MD-1 in human spleen tissue with this product at $2.5 \, \mu g/ml$.



Western Blotting

Image 2. Western blot analysis of MD-1 in Daudi cell lysate with this product at (A) 1 and (B) 2 μ g/ml.