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Datasheet for ABIN500258 anti-LY86 antibody (C-Term)

2 Images



Overview

Quantity:	0.1 mg
Target:	LY86
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LY86 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

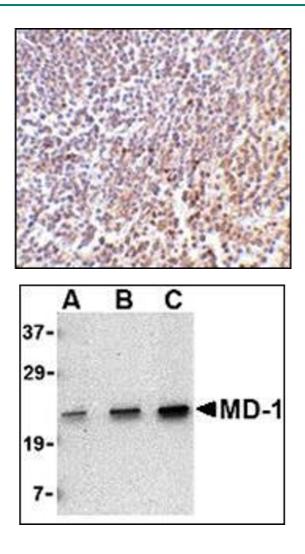
Product Details

Immunogen:	MD-1 antibody was raised against a 14 amino acid peptide from near the carboxy terminus of human MD-1.
lsotype:	lgG
Specificity:	This antibody detects MD-1 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Peptide affinity chromatography
Target Details	
Target:	LY86

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LY86 / MD-1 (LY86 Products) 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
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
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
9450
NP_004262
095711
Toll-Like Receptors Cascades
ELISA. Western blot: 0.5 - 1 μ g/mL. Immunohistochemistry on paraffin sections.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.
For Research Use only
PBS containing 0.02 % sodium azide
Sodium azide
This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
a based a base all and have two to and a the ff of the
should be handled by trained staff only.
Avoid repeated freezing and thawing.

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of MD-1 in human spleen tissue with this product at $2 \mu g/ml$.

Western Blotting

Image 2. Western blot analysis of MD-1 in Daudi cell lysate with this product at (A) 0.5, (B) 1 and (C) $2 \mu g/ml$.

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