

Datasheet for ABIN905237

anti-LY86 antibody (AA 65-162) (AbBy Fluor® 350)



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Overview

Quantity:	100 µL
Target:	LY86
Binding Specificity:	AA 65-162
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LY86 antibody is conjugated to AbBy Fluor® 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LY-86
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	LY86
Alternative Name:	MD1 (LY86 Products)

Target Details

Background: Synonyms: BPAD, dJ80N2.1, LY86, LY-86, LY 86, Lymphocyte antigen 86, Lymphocyte antigen 86 precursor, Major affective disorder 1, MD-1, MD1, MD 1, MD1 protein, MD1 RP105 associated, MD1 RP105 associated, MMD-1, RP1-80N2.1.

Background: MD1 is a 28 kDa molecule that is associated at the cell surface with RP105 (CD180). RP105 is a leucine-rich repeat (LRR) molecule that is expressed on B lymphocytes. It was first identified by a mAb that protects spleen B cells from irradiation-induced apoptosis. LRR proteins, such as Toll receptors, have a role in innate immunity. MD1 is primarily expressed by B cells, dendritic cells and monocytes, and promotes the recognition of, and subsequent signaling by LPS in the innate immune system. MD1 does not have any homology to other molecules. MD1 when expressed alone behaves as a secretory protein. Expression of MD1 in a cell increases the expression of RP105.

Gene ID: 9450

Pathways: [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months