

Datasheet for ABIN2191783
anti-LY86 antibody (Biotin)



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1 Publication

Overview

Quantity:	50 µg
Target:	LY86
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This LY86 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Clone:	MD113
Sterility:	0.2 µm filtered

Target Details

Target:	LY86
Alternative Name:	Md-1 (LY86 Products)
Background:	<p>The monoclonal antibody MD113 reacts with mouse MD-1. MD-1 (22-25 kD) is an extracellular protein associated with the extracellular domain of RP105. The latter is a type 1 transmembrane protein with leucine-rich repeats. RP105 is similar to Drosophila Toll. MD-1 associated with RP105 (similar to TLR4/MD-2) appears to be an essential molecule that helps RP105 on B-cells to signal to LPS. The MD113 antibody is antagonistic in LPS-induced B-cell proliferation and B7.2 up-regulation.</p>

Target Details

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

Application Details

Application Notes: For flow cytometry dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.

Restrictions: For Research Use only

Handling

Buffer: PBS, containing 0.1 % bovine serum albumin and 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: 4 °C

Storage Comment: Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.

Expiry Date: 12 months

Publications

Product cited in: Nagai, Shimazu, Ogata, Akashi, Sudo, Yamasaki, Hayashi, Iwakura, Kimoto, Miyake: "Requirement for MD-1 in cell surface expression of RP105/CD180 and B-cell responsiveness to lipopolysaccharide." in: **Blood**, Vol. 99, Issue 5, pp. 1699-705, (2002) ([PubMed](#)).