

Datasheet for ABIN2191782
anti-LY86 antibody (FITC)[Go to Product page](#)

1 Publication

Overview

Quantity:	100 µg
Target:	LY86
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This LY86 antibody is conjugated to FITC
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 1.0 % 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: Pelletier, Okawara, Vitale, Anderson: "Differential distribution of the tight-junction-associated protein ZO-1 isoforms alpha+ and alpha- in guinea pig Sertoli cells: a possible association with F-actin and G-actin." in: **Biology of reproduction**, Vol. 57, Issue 2, pp. 367-76, (1997) ([PubMed](#)).

Van Itallie, Balda, Anderson: "Epidermal growth factor induces tyrosine phosphorylation and reorganization of the tight junction protein ZO-1 in A431 cells." in: **Journal of cell science**, Vol. 108 (Pt 4), pp. 1735-42, (1995) ([PubMed](#)).

Balda, Anderson: "Two classes of tight junctions are revealed by ZO-1 isoforms." in: **The American journal of physiology**, Vol. 264, Issue 4 Pt 1, pp. C918-24, (1993) ([PubMed](#)).

Willott, Balda, Heintzelman, Jameson, Anderson: "Localization and differential expression of two isoforms of the tight junction protein ZO-1." in: **The American journal of physiology**, Vol. 262,

Issue 5 Pt 1, pp. C1119-24, (1992) ([PubMed](#)).

Kurihara, Anderson, Farquhar: "Diversity among tight junctions in rat kidney: glomerular slit diaphragms and endothelial junctions express only one isoform of the tight junction protein ZO-1." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 89, Issue 15, pp. 7075-9, (1992) ([PubMed](#)).