

Datasheet for ABIN135381
anti-ITGA4 antibody (Biotin)



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1 Image

Overview

Quantity:	0.5 mg
Target:	ITGA4
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This ITGA4 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	AKR/Cum mouse T lymphoma cell line TK-1
Clone:	DATK32
Isotype:	IgG2a
Specificity:	Mouse LPAM-1
Characteristics:	Rat Anti-Mouse LPAM-1-BIOT

Target Details

Target:	ITGA4
Abstract:	ITGA4 Products
Background:	The lymphocyte Peyer's patch adhesion molecule (LPAM-1), also known as integrin 47, is a member of the integrin family of cell surface receptors. It is expressed primarily on mucosal

Target Details

lymphocytes, but is also present on NK cells and eosinophils. The 47 heterodimer mediates the binding of lymphocytes to its ligand, mucosal vascular addressin (MAdCAM-1) on the high endothelial venules, thereby directing the homing of lymphocytes into Peyer's patches and intestinal lamina propria.

Pathways:

[Integrin Complex](#)

Application Details

Application Notes:

- **Applications:** FC - Quality tested , IHC-FS - Reported in literature , Block - Reported in literature , IP - Reported in literature
- **Working Dilutions:** Flow Cytometry Purified (UNLB) antibody 1 g/106 cells BIOT conjugate 1 g/106 cells PE conjugate 0.1 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

Comment:

Blockade of binding to cell adhesion molecules, Induction of homotypic cellular aggregation

Sample Volume:

1 mL

Restrictions:

For Research Use only

Handling

Concentration:

0.5 mg/mL

Buffer:

0.5 mg in 1.0 mL of PBS/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:

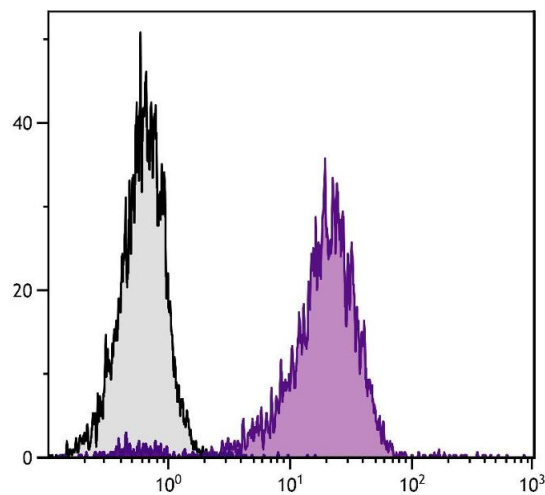
Protect conjugated products from light.
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage:

4 °C

Storage Comment:

Store at 2-8°C



Flow Cytometry

Image 1. AKR/Cum mouse T lymphocyte cell line TK-1 was stained with Rat Anti-Mouse LPAM-1-BIOT.