

Datasheet for ABIN234672 **anti-ITGA4 antibody**

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Overview

Quantity:	0.2 mg
Target:	ITGA4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ITGA4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Indirect Immunofluorescence Assay (IFA)

Product Details

Immunogen:	JM leukemia line
Clone:	HP2-1
Isotype:	IgG1
Cross-Reactivity (Details):	The molecular weight of the recognized antigen is 150kDa. CD49d antigen is the integrin alpha-4 chain non covalently associated with the integrin beta-1-chain (CD29 molecule) forming the VLA4 complex. Reacts with monocytes, T cells, B cells, thymocytes and Langerhans cells.
Characteristics:	MAb to CD49d, Monoclonal antibody to CD49d VLA
Purification:	Protein A Chromatography. Ascites

Target Details

Target:	ITGA4
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Target Details

Alternative Name: CD49d VLA (ITGA4 Products)

Pathways: Integrin Complex

Application Details

Application Notes: Flow cytometry Basic studies of VLA4 mediated adhesion and its interaction with the VCAM-1 structure. Fluorescent microscopy or flow cytometry: 2 µg/5x10⁵ cells/test Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with 1 mL distilled water.

Buffer: Lyophilized from PBS containing 1 mg/mL BSA.

Preservative: Without preservative

Handling Advice: Avoid multiple freeze/thaw cycles. The addition of 0.1 % (w/v) sodium azide is recommended for storage up to one month at 2-8 °C.
Centrifuge product if not completely clear after standing at room temperature.
Prepare working dilution only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store lyophilized product at 2-8 °C. After reconstitution, aliquot and store at -28 °C.