

Datasheet for ABIN610121
anti-ITGA4 antibody (PE)



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2 Publications

Overview

Quantity:	120 tests
Target:	ITGA4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ITGA4 antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Functional Studies (Func)

Product Details

Immunogen:	Human peripheral myeloma cells.
	Type of Immunogen: Cells
Clone:	BU49
Isotype:	IgG1
Specificity:	CD49d molecule of about 145 kd.
Purification:	Gel filtration

Target Details

Target:	ITGA4
Alternative Name:	ITGA4 / VLA-4 / CD49d (ITGA4 Products)

Target Details

Background:	Name/Gene ID: ITGA4 Family: Integrin Synonyms: ITGA4, 269C wild type, CD49D, IA4, Integrin alpha-4, Integrin alpha 4, Integrin alpha-4 subunit, Integrin alpha-IV, VLA-4, VLA-4 subunit alpha, CD49d antigen
Gene ID:	3676
UniProt:	P13612
Pathways:	Integrin Complex

Application Details

Application Notes:	Approved: Flo, Func, IHC Usage: Function: Blocks VLA-4 binding to VCAM-1. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	50 mM sodium phosphate, pH 7.5, 500 mM potassium chloride, 150 mM sodium chloride, 15 % Glycerol, 0.2 % BSA, 0.04 % 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:	Do not freeze. Product is photosensitive and should be protected from light.
Storage:	4 °C
Storage Comment:	Store at 4°C. Do not freeze. Protect from light.

Publications

Product cited in: Aplin, Stewart, Assoian, Juliano: "Integrin-mediated adhesion regulates ERK nuclear translocation and phosphorylation of Elk-1." in: **The Journal of cell biology**, Vol. 153, Issue 2, pp. 273-82, (2001) ([PubMed](#)).

Short, Boyer, Juliano: "Integrins regulate the linkage between upstream and downstream events in G protein-coupled receptor signaling to mitogen-activated protein kinase." in: **The Journal of biological chemistry**, Vol. 275, Issue 17, pp. 12970-7, (2000) ([PubMed](#)).