

Datasheet for ABIN610119
anti-ITGA4 antibody (Biotin)



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Overview

Quantity:	100 µg
Target:	ITGA4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ITGA4 antibody is conjugated to Biotin
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:	Protein A purified

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, 100 mM potassium chloride, 150 mM sodium chloride, 5 % 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.
Storage:	4 °C
Storage Comment:	Store at 4°C. Do not freeze.

Publications

Product cited in: Lemmink, Tuyt, Knol, Krikke, Vellenga: "Identification of LIL-STAT in monocytic leukemia cells and monocytes after stimulation with interleukin-6 or interferon gamma." in: **Blood**, Vol. 98, Issue 13, pp. 3849-52, (2001) ([PubMed](#)).

Chang, Peng, Fu: "Interleukin-4 mediates cell growth inhibition through activation of Stat1." in: **The Journal of biological chemistry**, Vol. 275, Issue 14, pp. 10212-7, (2000) ([PubMed](#)).

Fu, Zhang: "Transcription factor p91 interacts with the epidermal growth factor receptor and mediates activation of the c-fos gene promoter." in: **Cell**, Vol. 74, Issue 6, pp. 1135-45, (1993) ([PubMed](#)).