

Datasheet for ABIN204310
anti-Integrin alpha 1 antibody



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Integrin alpha 1 (ITGA1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Integrin alpha 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunoprecipitation (IP), Functional Studies (Func)

Product Details

Immunogen:	Type of Immunogen: Native protein
Isotype:	IgG1
Specificity:	Recognizes the L domain (Val151-Ala364) of human alpha1 integrin (CD49a). Precipitates proteins of Mr 180kD, pI 5.9-6.0 (alpha chain) and Mr 115kD, pI 4.5-5.0 (beta chain) from human lymphocyte lysates. Does not recognize rat recombinant I domain of integrin alpha1.
Purification:	Protein A purified

Target Details

Target:	Integrin alpha 1 (ITGA1)
---------	--------------------------

Target Details

Alternative Name:	ITGA1/CD49a/Integrin Alpha 1 (ITGA1 Products)
Background:	Name/Gene ID: ITGA1 Family: Integrin Synonyms: ITGA1, CD49a antigen, CD49a, Integrin Alpha 1, Integrin, alpha 1, Integrin alpha-1, Laminin and collagen receptor, Very late activation protein 1, VLA1, VLA-1
Gene ID:	3672
UniProt:	P56199
Pathways:	EGFR Signaling Pathway , CXCR4-mediated Signaling Events , Signaling of Hepatocyte Growth Factor Receptor , Integrin Complex

Application Details

Application Notes:	Approved: ELISA (0.5 µg/mL), Flo (2 µg/mL), Func (1 - 5 µg/mL), IHC (2 µg/mL), IP (1 µg/mL), WB (2 µg/mL) Usage: Suitable for use in ELISA, Immunohistochemistry, Western Blot, Immunoprecipitation, Flow Cytometry and Inhibition of activated human lymphocyte binding to laminin, collagen IV and fibronectin. Immunohistochemistry: 2 µg/mL, with paraformaldehyde fixation. Western Blot: 2 µg/mL. Immunoprecipitation: 1 µg/mL. Flow Cytometry: 2 µg/mL. ELISA: 0.5 µg/mL. Inhibition: 1-5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.01 M PBS, pH 7.1, 0.15 M sodium chloride, no preservatives.
Preservative:	Without preservative