

Datasheet for ABIN204311 **anti-Integrin alpha 1 antibody**

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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:	Reacts with the I domain (Val151-Ala364) of human α1 integrin (CD49a). Precipitates proteins of Mr 180kD, pI 5.9-6.0 (α chain) and Mr 115kD, pI 4.5-5.0 (β chain) from human lymphocyte lysates. Species Reactivity: Human. Does not recognize rat recombinant I domain of integrin α1.
Purification:	Protein A purified

Target Details

Target:	Integrin alpha 1 (ITGA1)
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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, IHC (2 µg/mL), IP (1 µg/mL), WB (2 µg/mL) Usage: Suitable for use in ELISA, Western Blot, Immunohistochemistry, Immunoprecipitation, Flow Cytometry and Inhibition assays. ELISA: 0.5 µg/mL. Western Blot: 2 µg/mL. Immunohistochemistry: 2 µg/mL with paraformaldehyde fixation. Immunoprecipitation: 1 µg/mL. Flow Cytometry: 2 µg/mL. Inhibition Assay: 1-5 µg/mL. Using activated human lymphocyte binding to laminin, collagen IV and fibronectin.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.6, 0.1 % 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.
Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.