

Datasheet for ABIN6937589 **anti-CD51 antibody**



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Overview

Quantity:	100 µg
Target:	CD51 (ITGAV)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD51 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunofluorescence (IF), Coating (Coat)

Product Details

Immunogen:	Recombinant human full-length integrin alpha V beta 1 protein
Clone:	ITGAV-1610
Isotype:	IgG1 kappa
Specificity:	Integrins are heterodimers composed of noncovalently associated transmembrane both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	CD51 (ITGAV)
Alternative Name:	ITGAV (ITGAV Products)
Background:	Antigen identified by monoclonal antibody L230, CD 51, CD51, DKFZp686A08142, Integrin alpha five, integrin alpha V beta 3, Integrin alpha-5, integrin alpha-V, Integrin alpha-V light chain, integrin alphaVbeta3, integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51), ITAV_HUMAN, ITGAV, MSK 8, Msk8, Vitronectin receptor subunit alpha, VNRA, VTNR,CD51 / Integrin V Cellular localisation: Cell Surface
Molecular Weight:	150-160kDa under non-reducing conditions. Under reducing conditions, it is cleaved into 2 bands of about 125-130kDa +20-25kDa.
Gene ID:	3685, 436873
UniProt:	P06756
Pathways:	Cell-Cell Junction Organization , Signaling Events mediated by VEGFR1 and VEGFR2 , Growth Factor Binding , Integrin Complex

Application Details

Application Notes:	Known_Application: ELISA (For coating use Ab at 1-5 µg/mL, order Ab without BSA), Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), Optimal dilution for a specific application should be determined. Positive_Control: Squamous cells, A375M melanoma cells. A549 cells.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months