

Datasheet for ABIN6939816

anti-CD51 antibody[Go to Product page](#)**1** Image

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
Purification:	Purified by Protein A/G

Target Details

Target:	CD51 (ITGAV)
Alternative Name:	ITGAV (ITGAV Products)
Background:	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

Target Details

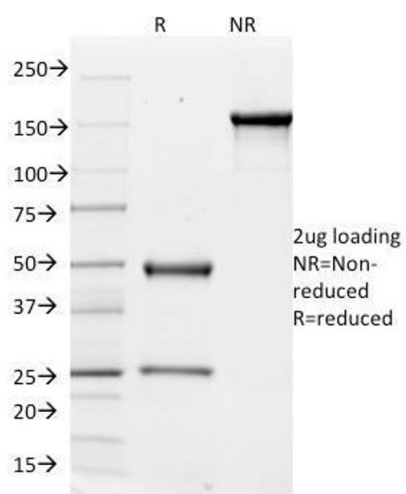
	processes, including cell growth, differentiation, migration and apoptosis.
Molecular Weight:	150-160kDa under non-reducing conditions. Under reducing conditions, it is cleaved into 2 bands of about 125-130kDa +20-25kDa.
Gene ID:	3685
UniProt:	P06756
Pathways:	Cell-Cell Junction Organization , Signaling Events mediated by VEGFR1 and VEGFR2 , Growth Factor Binding , Integrin Complex

Application Details

Application Notes:	Positive Control: Squamous cells, A375M melanoma cells. A549 cells. Known Application: ELISA (For coating use Ab at 1-5 µg/mL, order Ab without BSA), Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (0.5-1 µg/mL), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % 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, -80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CD51 / Integrin 'V Mouse Monoclonal Antibody (ITGAV/1610). Confirmation of Purity and Integrity of Antibody.