

Datasheet for ABIN6941316
anti-CD51 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	CD51 (ITGAV)
Reactivity:	Human, Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD51 antibody is un-conjugated
Application:	ELISA, Coating (Coat)

Product Details

Immunogen:	Osteoclasts from osteoclastomas
Clone:	23C6
Isotype:	IgG1 kappa
Specificity:	ITAGV encodes integrin alpha chain V. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The I-domain containing integrin alpha V undergoes post-translational cleavage to yield disulfide-linked heavy and light chains, that combine with multiple integrin beta chains to form different integrins. Among the known associating beta chains (beta chains 1,3,5,6, and 8, 'ITGB1', 'ITGB3', 'ITGB5', 'ITGB6', and 'ITGB8'), each can interact with extracellular matrix ligands, the alpha V beta 3 integrin, perhaps the most studied of these, is referred to as the Vitronectin Receptor (VNR). In addition to adhesion, many integrins are known to facilitate signal transduction. Alternative splicing results in multiple transcript variants. Reacts with Integrin Alpha V Beta 3. 23C6 may be useful for bone resorption modulation, osteoclast identification, receptor purification, malignant melanoma

Product Details

	identification and treatment.
No Cross-Reactivity:	Cow (Bovine), Pig (Porcine), Rabbit
Purification:	Purified by Protein A/G

Target Details

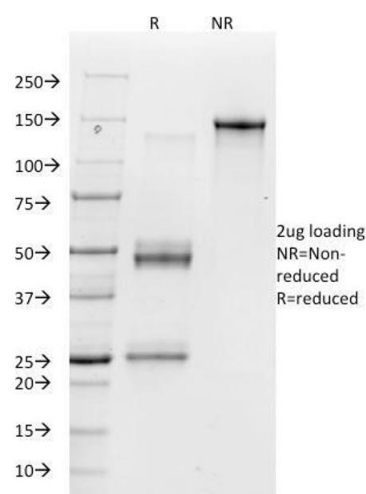
Target:	CD51 (ITGAV)
Alternative Name:	ITGAV (ITGAV Products)
Molecular Weight:	150-160kDa under non-reducing conditions. Under reducing conditions, it is cleaved into 2 bands of about 125-130kDa +20-25kDa.
Gene ID:	3685
UniProt:	P06756
Pathways:	Cell-Cell Junction Organization , Signaling Events mediated 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, order antibody without BSA), 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 Vitronectin Receptor Mouse Monoclonal Antibody (23C6). Confirmation of Purity and Integrity of Antibody.