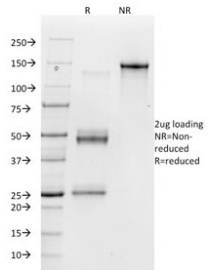
Vitronectin Receptor Antibody / Integrin alpha V / ITGAV [clone 23C6] (V8282)

Catalog No.	Formulation	Size
V8282-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8282-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8282SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	23C6
Purity	Protein G affinity chromatography
UniProt	P06756
Localization	Cell surface, cytoplasmic
Applications	ELISA (order BSA-free Format For Coating) :
Limitations	This Vitronectin Receptor antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free Vitronectin Receptor antibody (clone 23C6) as confirmation of integrity and purity.

Description

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 identification and treatment.

Application Notes

Optimal dilution of the Vitronectin Receptor antibody should be determined by the researcher.

Immunogen

Osteoclasts from osteoclastomas were used as the immunogen for the Vitronectin Receptor antibody.

Storage

Store the Vitronectin Receptor antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).