

Vitronectin Receptor / CD51 / CD61 Antibody

Mouse Monoclonal Antibody [Clone 23C6]

Catalog No	Format	Size
MSM1-1471-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM1-1471-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM1-1471-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

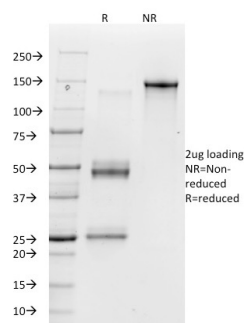
Applications	Tested Dillution	Note

Product Details

Clone	23C6
Gene Name	ITGAV
Immunogen	Osteoclasts from osteoclastomas
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	150-160kDa under non-reducing conditions. Under reducing conditions it is cleaved into 2 bands of about 125-130kDa +20-25kDa.
Cellular Localization	Cell junction, Cell membrane, Focal adhesion
Species Reactivity	Chicken, Human
Positive Control	A375M melanoma cells. A549 cells., Squamous cells

*Optimal dilution for a specific application should be determined.

Product Images for Vitronectin Receptor / CD51 / CD61 Antibody



SDS-PAGE Analysis of Purified Vitronectin Receptor Mouse Monoclonal Antibody (23C6). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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.

Research Areas

Cardiovascular, Developmental Biology, Immunology, AKT Signaling, Angiogenesis, Complement System, Hematopoietic Stem Cells, Lung Cancer, Signal Transduction

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
