CD51 / Integrin V Antibody

Mouse Monoclonal Antibody [Clone ITGAV/1610]

Catalog No	Format	Size
3685-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3685-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3685-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

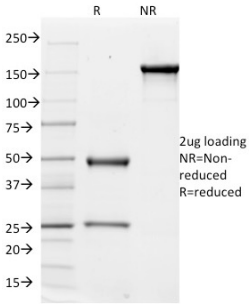
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	ITGAV/1610
Gene Name	ITGAV
Immunogen	Recombinant human full-length integrin alpha V beta 1 protein
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	Human
Positive Control	A375M melanoma cells. A549 cells., Squamous cells

**Optimal dilution for a specific application should be determined.*

Product Images for CD51 / Integrin V Antibody



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

Specificity & Comments

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.

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

AKT Signaling, Angiogenesis, Cardiovascular, Complement System, Developmental Biology, Hematopoietic Stem Cells, Immunology, 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.