

For Research Use Only

Integrin Beta 4 Monoclonal antibody

Catalog Number: 66922-2-Ig



Basic Information

Catalog Number: 66922-2-Ig	GenBank Accession Number: BC126411	Purification Method: Protein A purification
Size: 2300 µg/ml	GeneID (NCBI): 3691	CloneNo.: 1C2A11
Source: Mouse	UNIPROT ID: P16144	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: integrin, beta 4	
Immunogen Catalog Number: AG17395	Calculated MW: 1752 aa, 195 kDa	
	Observed MW: 200-210 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, A549 cells, BxPC-3 cells, SW 1990 cells, SKOV-3 cells, MCF-7 cells, Calu-3 cells
Species Specificity: Human	

Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated alpha and beta subunits. Integrin beta-4 is predominantly expressed in squamous epithelial cells, endothelial cells, immature thymocytes, Schwann cells, and fibroblasts of the peripheral nervous system (PMID: 28084395). Integrin beta-4 pairs with alpha-6, and the heterodimeric integrin alpha-6/beta-4 is a receptor for laminin. Integrin alpha-6/beta-4 plays a critical structural role in the hemidesmosome of epithelial cells, and also plays a role in the invasive and metastatic phenotype of various cancers.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

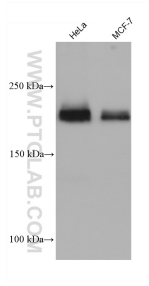
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66922-2-Ig (Integrin Beta 4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.