

For Research Use Only

Integrin Alpha 3 Recombinant monoclonal antibody

Catalog Number: 88169-1-RR



Basic Information

Catalog Number: 88169-1-RR	GenBank Accession Number: NM_002204.3	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 3675	CloneNo.: 260161H3
Isotype: IgG	UNIPROT ID: P26006-2	Recommended Dilutions: WB: 1:1000-1:8000 IF/ICC: 1:200-1:800
Immunogen Catalog Number: EG6184	Full Name: integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)	
	Calculated MW: 117 kDa	
	Observed MW: 140-160 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, Calu-1 cells, PC-3 cells, U-87 MG cells, U-251 cells IF/ICC : A549 cells,

Background Information

Integrin Alpha 3 (ITGA3), also named as CD49c, GAPB3, and FRP-2, belongs to the integrin alpha chain family. It is a receptor for fibronectin, laminin, collagen, epiligrin, thrombospondin, and CSPG4. ITGA3 may mediate with LGALS3 the stimulation by CSPG4 of endothelial cell migration. ITGA3 is highly concentrated in epithelial cells, where it strongly adheres to Laminin-5, and Laminin-5-induced rapid adhesion can be blocked by antibodies against the alpha-3 integrin subunit. It can be cleaved into heavy chain(840aa) and light chain(176aa). This antibody can recognize the heavy chain.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

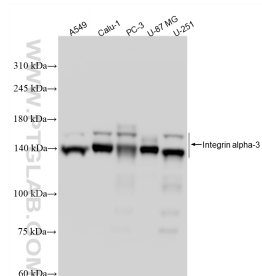
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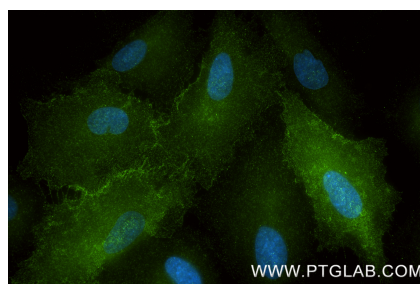
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88169-1-RR (Integrin alpha-3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using Integrin Alpha 3 antibody (88169-1-RR, Clone: 260161H3) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).