

For Research Use Only

Integrin Alpha 3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88169-1-PBS



Basic Information

Catalog Number: 88169-1-PBS	GenBank Accession Number: NM_002204.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3675	CloneNo.: 260161H3
Source: Rabbit	UNIPROT ID: P26006-2	
Isotype: IgG	Full Name: integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)	
Immunogen Catalog Number: EG6184	Calculated MW: 117 kDa	
	Observed MW: 140-160 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

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

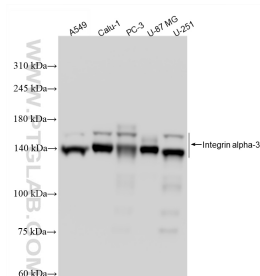
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

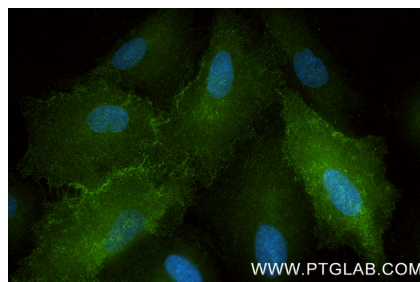
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 88169-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 88169-1-PBS in a different storage buffer formulation.