

For Research Use Only

Integrin Alpha 3 Recombinant monoclonal antibody

Catalog Number: 88002-1-RR



Basic Information

Catalog Number: 88002-1-RR	GenBank Accession Number: NM_013565.3	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 16400	CloneNo.: 260079F2
Source: Rabbit	UNIPROT ID: Q62470-1	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: integrin alpha 3	
Immunogen Catalog Number: EG4683	Calculated MW: 117 kDa	
	Observed MW: 130-140 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse lung tissue, mouse colon tissue, mouse kidney tissue
Species Specificity: mouse	

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.

Storage

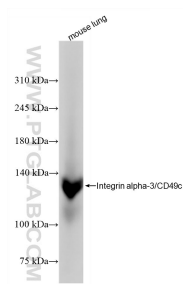
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

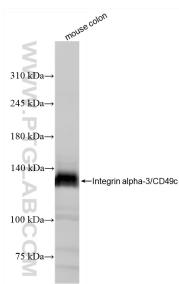
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

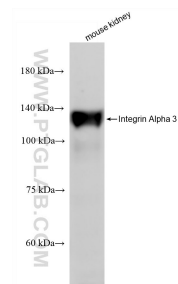
Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 88002-1-RR (Integrin alpha-3/CD49c antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



mouse colon tissue were subjected to SDS PAGE followed by western blot with 88002-1-RR (Integrin alpha-3/CD49c antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 88002-1-RR (Integrin Alpha 3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.