

For Research Use Only

Integrin alpha 4 Recombinant monoclonal antibody

Catalog Number: 87459-2-RR



Basic Information

Catalog Number: 87459-2-RR	GenBank Accession Number: 3676	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3676	CloneNo.: 252683A11
Source: Rabbit	UNIPROT ID: P13612	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)	
Immunogen Catalog Number: EG10494	Observed MW: 140-150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, MOLT-4 cells, HL-60 cells, THP-1 cells
Species Specificity: human	

Background Information

Integrin alpha 4 (ITGA4), also named CD49D, belongs to the integrin alpha chain family. ITGA4 is a receptor for fibronectin, VCAM1, and MADCAM1. ITGA4 recognizes one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. It recognizes the sequence Q-I-D-S in VCAM1. It recognizes the sequence L-D-T in MADCAM1. On activated endothelial cells ITGA4 triggers homotypic aggregation for most VLA-4-positive leukocyte cell lines. It may also participate in cytolytic T-cell interactions with target cells.

Storage

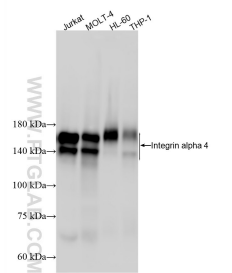
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87459-2-RR (Integrin alpha 4 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.