

For Research Use Only

Integrin Alpha 4 Monoclonal antibody, PBS Only



Catalog Number: 67040-1-PBS

Basic Information

Catalog Number: 67040-1-PBS	GenBank Accession Number: BC156712	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3676	CloneNo.: 1B6A3
Source: Mouse	UNIPROT ID: P13612	
Isotype: IgG2a	Full Name: integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)	
Immunogen Catalog Number: AG28024	Calculated MW: 1032 aa, 115 kDa	
	Observed MW: 150 kDa, 140 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human

Background Information

ITGA4, also named as 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 -80°C.

Storage Buffer:
PBS only

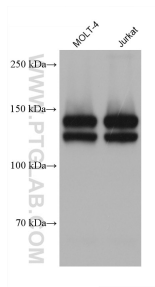
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67040-1-Ig (Integrin Alpha 4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67040-1-PBS in a different storage buffer formulation.