

For Research Use Only

Mouse CD11a Recombinant monoclonal antibody, PBS Only

Catalog Number: 87542-1-PBS



Basic Information

Catalog Number:

87542-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG10464

GenBank Accession Number:

GeneID (NCBI):

16408

UNIPROT ID:

B7ZN92

Full Name:

integrin alpha L

Observed MW:

180 kDa

Purification Method:

Protein A purification

CloneNo.:

252754D9

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

mouse

Background Information

CD11a, also known as integrin α L or LFA-1 α , is a 170-180 kDa transmembrane glycoprotein that forms a heterodimer with CD18 (PMID: 7027264; 1672643). CD11a/CD18 (LFA-1) is expressed by all leukocytes and mediates cell adhesion through interactions with its ligands, intercellular adhesion molecule 1 (ICAM-1), ICAM-2, and ICAM-3 (PMID: 7479767). CD11a/CD18 also functions in lymphocyte costimulatory signaling (PMID: 1972160).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

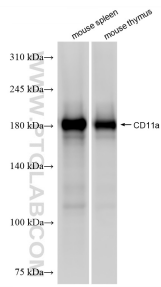
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

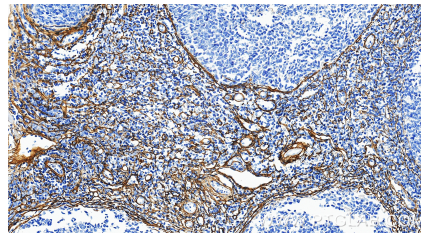
E: proteintech@ptglab.com
W: ptglab.com

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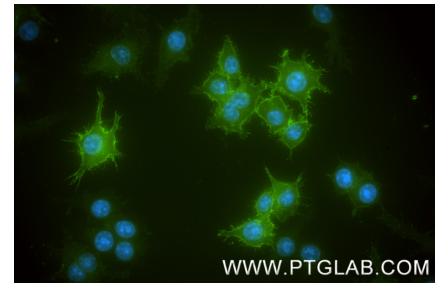
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87542-1-RR (ITAL antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87542-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 87542-1-RR (CD11a antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87542-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed RAW 264.7 cells using CD11a antibody (87542-1-RR, Clone: 252754D9) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 87542-1-PBS in a different storage buffer formulation.