

For Research Use Only

CoraLite® Plus 488 Anti-Mouse CD11a (M17/4)



Catalog Number: **CL488-65177**

Basic Information

Catalog Number:

CL488-65177

Size:

100ug, 0.5 mg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC145802

GeneID (NCBI):

16408

UNIPROT ID:

B7ZN92

Full Name:

integrin alpha L

Purification Method:

Purified by protein-A affinity chromatography

CloneNo.:

M17/4

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC

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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide.

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

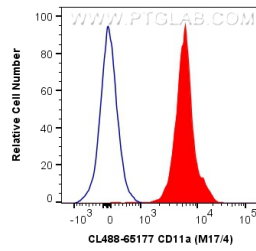
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ mouse thymocytes were surface stained with 0.5 ug CoraLite® Plus 488 Anti-Mouse CD11a (CL488-65177, Clone:M17/4) (red), or 0.5 ug Isotype Control. Cells were not fixed.