

For Research Use Only

CoraLite® Plus 488 Anti-Mouse CD18 (M18/2)



Catalog Number: **CL488-65178**

Basic Information

Catalog Number:

CL488-65178

Size:

100ug , 0.5 mg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC145644

GeneID (NCBI):

16414

UNIPROT ID:

P11835

Full Name:

integrin beta 2

Purification Method:

Purified by protein-A affinity chromatography

CloneNo.:

M18/2

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC

Species Specificity:

Mouse

Background Information

CD18, also known as integrin beta-2, is a transmembrane protein that forms heterodimers with CD11a, CD11b, CD11c, CD11d (PMID: 1968349). CD11a/CD18 (LFA-1) is expressed by all leukocytes, while CD11b/CD18 (Mac-1) and CD11c/CD18 (p150,95) are normally restricted to expression on monocytes, macrophages, polymorphonuclear lymphocytes (PMNs), and natural killer cells (PMID: 1968349; 3109455; 10946284). CD18 plays an important role in mediating cell adhesion during immune response and defects of CD18 cause leukocyte adhesion deficiency (PMID: 3594570).

Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA.

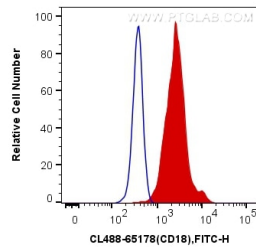
For technical support and original validation data for this product please contact:

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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 1 ug CoraLite® Plus 488 Anti-Mouse CD18 (CL488-65178, Clone: M18/2) (red) or 1 ug Control Antibody. Cells were not fixed.