

For Research Use Only

CoraLite®488-conjugated Anti-Mouse CD11b (M1/70)



Catalog Number: CL488-65055

Basic Information

Catalog Number:

CL488-65055

Size:

100tests , 5 µl/test

Source:

Rat

Isotype:

IgG2b

GenBank Accession Number:

BC156991

GeneID (NCBI):

16409

Full Name:

integrin alpha M

Purification Method:

Affinity purification

CloneNo.:

M1/70

Recommended Dilutions:

IF 1:200-1:800

Excitation/Emission maxima wavelengths:

488 nm/515 nm

Applications

Tested Applications:

FC, IF

Species Specificity:

Mouse

Positive Controls:

IF : mouse splenocytes,

Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an α/β heterodimer with CD18 (integrin β 2). CD11b/CD18 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles and pathogens (PMID: 9558116; 20008295). CD11b/CD18 is a receptor for the complement protein fragment iC3b, and is also a receptor for fibrinogen, factor X and ICAM1 (PMID: 2971974; 15485828).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

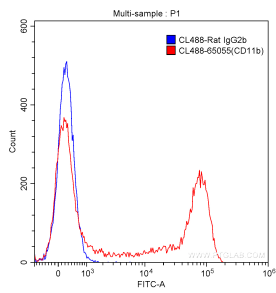
For technical support and original validation data for this product please contact:

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

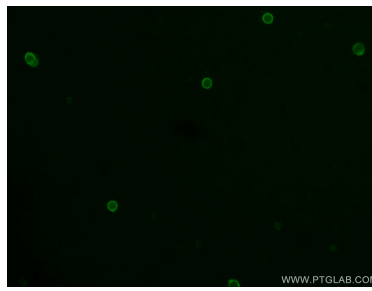
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1X10⁶ C57BL/6 mouse bone marrow cells were surface stained with 5.00 ul CoraLite®488-conjugated Anti-Mouse CD11b (CL488-65055, Clone: M1/70) (red) or isotype control antibody (blue). Samples were not fixed.



Immunofluorescent analysis of mouse splenocytes using CoraLite®488-conjugated Anti-Mouse CD11b (CL488-65055, Clone: M1/70) at dilution of 1:400.