

For Research Use Only

# CoraLite®594 Anti-Mouse CD11b (M1/70)

Catalog Number: CL594-65055



## Basic Information

Catalog Number:

CL594-65055

Concentration:

100ug, 500 µg/ml

Source:

Rat

Isotype:

IgG2b, kappa

GenBank Accession Number:

BC156991

GeneID (NCBI):

16409

UNIPROT ID:

E9Q604

Full Name:

integrin alpha M

Calculated MW:

127 kDa

Purification Method:

Affinity purification

CloneNo.:

M1/70

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

FC

Species Specificity:

Mouse

## Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated  $\alpha$  and  $\beta$  subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an  $\alpha$  /  $\beta$  heterodimer with CD18 (integrin  $\beta$  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. Stable for one year after shipment.

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:

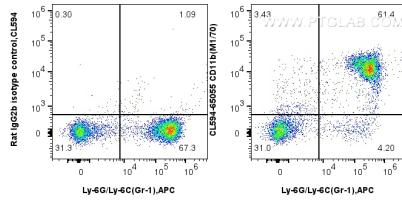
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug CoraLite®594 Anti-Mouse CD11b (M1/70) (CL594-65055, Clone:M1/70), and 0.25 ug CoraLite®594 Rat IgG2b Isotype Control (LTF-2) (CL594-65211, Clone: LTF-2), and 0.25 ug APC Anti-Mouse Ly-6G/Ly-6C (Gr-1) (RB6-8C5) (APC-65140, Clone: RB6-8C5). Cells were not fixed.