

For Research Use Only

CoraLite®594 Anti-Mouse CD11b (M1/70)



Catalog Number:CL594-65055

Basic Information

Catalog Number: CL594-65055	GenBank Accession Number: BC156991	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 16409	CloneNo.: M1/70
Source: Rat	Full Name: integrin alpha M	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Isotype: IgG2b, kappa		

Applications

Tested Applications:
FC

Species Specificity:
Mouse, Human

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

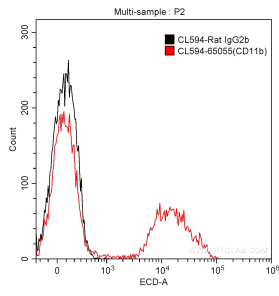
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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: 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 ul CoraLite®594-conjugated Anti-Mouse CD11b (CL594-65055, Clone: M1/70) (red) or isotype control antibody (black). Cells were not fixed.