

CoraLite® Plus 647 Anti-Rat CD11b (OX42) Mouse IgG1 Recombinant Antibody

Catalog Number: CL647-65532

Basic Information

Catalog Number: CL647-65532	GenBank Accession Number: NM_012711	Purification Method: Affinity purification
Size: 100ug, 500 µg/ml	GeneID (NCBI): 25021	CloneNo.: OX42
Source: Mouse	Full Name: integrin alpha M	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG1	Calculated MW: 127 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Rat

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 0.09% sodium azide.

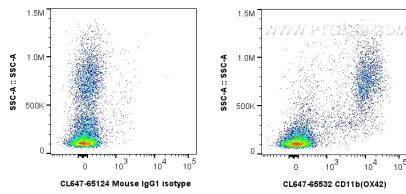
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ rat bone marrow cells were surface stained with 0.5 ug CoraLite® Plus 647 Anti-Rat CD11b (OX42) Mouse Recombinant Antibody (CL647-65532, Clone:OX42), or CoraLite® Plus 647 Mouse IgG1 Isotype Control (MOPC-21) (CL647-65124, Clone: MOPC-21). Cells were not fixed.