

For Research Use Only

CoraLite®594 Anti-Rat CD11b (OX42)



Catalog Number: **CL594-65229**

Basic Information

Catalog Number: CL594-65229	GenBank Accession Number: NM_012711	Purification Method: N/A
Size: 100ug , 500 µg/ml	GeneID (NCBI): 25021	CloneNo.: OX42
Source: Mouse	Full Name: integrin alpha M	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG2a, kappa	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).

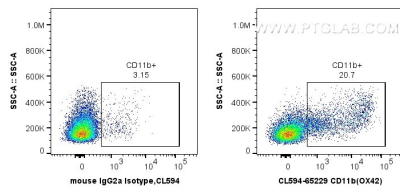
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide.

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 rat splenocytes were surface stained with 0.2 ug Coralite®594 Anti-Rat CD11b (CL594-65229, Clone:OX42), or 0.2 ug Isotype Control. Cells were not fixed.