

For Research Use Only

CoraLite® Plus 405 Anti-Rat CD11b (OX42)



Catalog Number: **CL405-65229**

Basic Information

| | | |
|---------------------------------------|---|--|
| Catalog Number: CL405-65229 | 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 | |
| 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

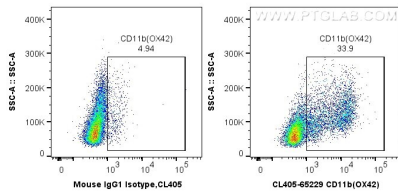
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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 Wistar rat splenocytes were surface stained with 0.5 ug CoraLite® Plus 405 Anti-Rat CD11b (CL405-65229, Clone: OX42) or 0.5 ug Control Antibody. Cells were not fixed.