

For Research Use Only

PE Anti-Rat CD11b (OX42) Mouse IgG2a Recombinant Antibody

Catalog Number: PE-65606



Basic Information

Catalog Number:

PE-65606

Size:

100ug , 200 µg/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

NM_012711

GeneID (NCBI):

25021

Full Name:

integrin alpha M

Calculated MW:

127 kDa

Purification Method:

Protein A purification

CloneNo.:

OX42

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

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 and 0.5% BSA.

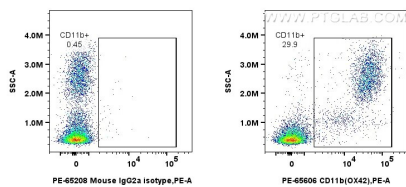
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

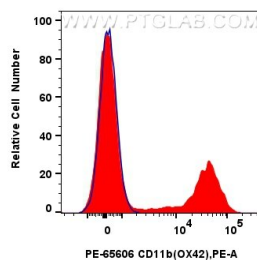
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ rat bone marrow cells were surface stained with 0.1 ug PE Anti-Rat CD11b (OX42) Mouse IgG2a Recombinant Antibody (PE-65606, Clone: OX42) or 0.1 ug PE Mouse IgG2a Isotype Control (C1.18.4) (PE-65208, Clone: C1.18.4). Cells were not fixed.



1x10⁶ rat bone marrow cells were surface stained with 0.1 ug PE Anti-Rat CD11b (OX42) Mouse IgG2a Recombinant Antibody (PE-65606, Clone: OX42) (red) or 0.1 ug PE Mouse IgG2a Isotype Control (C1.18.4) (PE-65208, Clone: C1.18.4) (blue). Cells were not fixed.