

For Research Use Only

# FITC Plus Anti-Rat CD11b (OX42) Rabbit Recombinant Antibody



Catalog Number: FITC-65548

## Basic Information

Catalog Number:

FITC-65548

Size:

100ug, 500 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_012711

GeneID (NCBI):

25021

Full Name:

integrin alpha M

Calculated MW:

127 kDa

Purification Method:

Affinity purification

CloneNo.:

OX42

Excitation/Emission maxima  
wavelengths:

495 nm / 524 nm

## Applications

Tested Applications:

FC

Species Specificity:

Rat

## Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated  $\alpha$  and  $\beta$  subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an  $\alpha / \beta$  heterodimer with CD18 (integrin  $\beta 2$ ). 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:

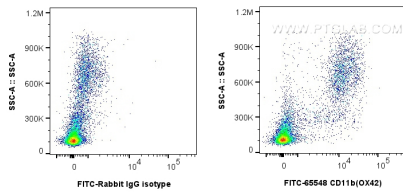
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1x10<sup>6</sup> rat bone marrow cells were surface stained with 0.2 ug FITC Plus Anti-Rat CD11b (OX42) Rabbit Recombinant Antibody (FITC-65548, Clone:OX42), or FITC-conjugated Rabbit IgG control Rabbit PolyAb (FITC-30000) , Cells were not fixed.