

For Research Use Only

FITC Plus Anti-Human CD11b (ICRF44)

Catalog Number: FITC-65116

4 Publications



Basic Information

Catalog Number:

FITC-65116

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC096346

GeneID (NCBI):

3684

ENSEMBL Gene ID:

ENSG00000169896

UNIPROT ID:

P11215

Full Name:

integrin, alpha M (complement component 3 receptor 3 subunit)

Calculated MW:

1152 aa, 127 kDa

Purification Method:

Affinity purification

CloneNo.:

ICRF44

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Cited Applications:

FC

Species Specificity:

human

Cited Species:

human

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).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------|-----------|-------------|-------------|
| Qingxi Qu | 36359787 | Cells | FC |
| Ying Zhan | 36038663 | Oncogene | FC |
| Lei Zhu | 39396437 | Tissue Cell | FC |

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.

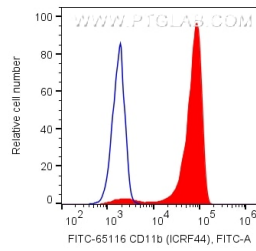
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
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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 human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD11b (FITC-65116, Clone:ICRF44). Cells were not fixed. Monocytes were gated.