FcZero-rAb™ APC Anti-Human CD11b (ICRF44) Rabbit IgG Recombinant Antibody

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FcZero-rAb
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Catalog Number:APC-FcA65582

Basic Information

Catalog Number:
APC-FcA65582

Size:
100tests , 5 ul/test

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC096346

GeneID (NCBI):
3684

ENSEMBL Gene ID:
ENSG00000169896

Full Name:
integrin, alpha M (complement component 3 receptor 3 subunit)

Calculated MW:
1152 aa, 127 kDa

Purification Method:
Protein A purification

CloneNo.:
ICRF44

Excitation/Emission maxima wavelengths:
650 nm / 660 nm

Applications

Tested Applications:
FC

Species Specificity:
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 β2). 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℃. Avoid exposure to light. Stable for one year after shipment.
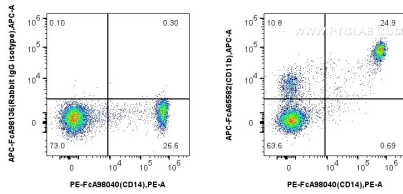**Storage Buffer:**
PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data

1x10^6 human PBMCs were surface stained with PE Anti-Human CD14 and 5 ul APC Anti-Human CD11b (ICRF44) Rabbit IgG Recombinant Antibody (APC-FcA65582, Clone: ICRF44) or APC Rabbit IgG Isotype Control Recombinant Antibody (APC-FcA98136, Clone: 240953C9). Cells were not fixed.
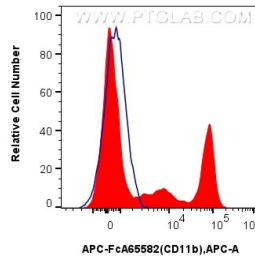
1x10^6 human PBMCs were surface stained with 5 ul APC Anti-Human CD11b (ICRF44) Rabbit IgG Recombinant Antibody (APC-FcA65582, Clone:ICRF44)(red) or APC Rabbit IgG Isotype Control Recombinant Antibody (APC-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.