

APC-Cyanine7 Anti-Mouse CD11b (M1/70)

Catalog Number: APC-Cyanine7-65055

Basic Information

Catalog Number:
APC-Cyanine7-65055

Size:
100ug, 100 µg/ml

Source:
Rat

Isotype:
IgG2b, kappa

GenBank Accession Number:
BC156991

GeneID (NCBI):
16409

UNIPROT ID:
E9Q604

Full Name:
integrin alpha M

Calculated MW:
127 kDa

Purification Method:
Affinity purification

CloneNo.:
M1/70

Excitation/Emission maxima
wavelengths:
650 nm / 778 nm

Applications

Tested Applications:
FC

Species Specificity:
Mouse, 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).

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:

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