

For Research Use Only

APC Anti-Mouse CD11b (M1/70)

Catalog Number: APC-65055 **5 Publications**



Basic Information

Catalog Number: APC-65055	GenBank Accession Number: BC156991	Purification Method: Affinity purification
Size: 100ug, 0.2 mg/ml	GeneID (NCBI): 16409	CloneNo.: M1/70
Source: Rat	Full Name: integrin alpha M	Excitation/Emission maxima wavelengths: 650 nm / 660 nm
Isotype: IgG2b, kappa		

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
Mouse, Human

Cited Species:
human, rat, mouse

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
Xuedi Zhang	36344490	Cell Death Dis	FC
Xinlong Xie	36605251	Front Bioeng Biotechnol	FC
Chao Wang	38082443	J Nanobiotechnology	FC

Storage

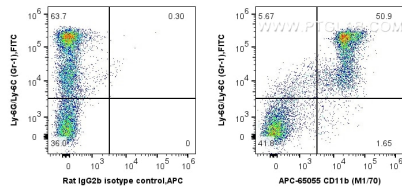
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA.

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



1X10⁶ C57BL/6 mouse bone marrow cells were surface co-stained with FITC Plus Anti-Mouse Ly-6G/Ly-6C (Gr-1) and 0.1 ug APC Anti-Mouse CD11b (APC-65055, Clone: M1/70) or 0.1 ug APC Rat IgG2b Isotype Control (LTF-2) (APC-65211, Clone: LTF-2). Cells were not fixed.