

FITC Conjugated Anti-Human CD11b Antibody [A2-9-R]

HA600130F



Product Type:	Recombinant Mouse monoclonal IgG1, primary antibodies
Species reactivity:	Human, Mouse
Applications:	FC
Molecular Wt:	Predicted band size: 127 kDa
Clone number:	A2-9-R

Description: Integrin ITGAM/ITGB2 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles. It is identical with CR-3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the R-G-D peptide in C3b. Integrin ITGAM/ITGB2 is also a receptor for fibrinogen, factor X and ICAM1. It recognizes P1 and P2 peptides of fibrinogen gamma chain. Regulates neutrophil migration. In association with beta subunit ITGB2/CD18, required for CD177-PRTN3-mediated activation of TNF primed neutrophils. May regulate phagocytosis-induced apoptosis in extravasated neutrophils. May play a role in mast cell development.

Conjugate: FITC-conjugated

Immunogen: Recombinant protein within Human CD11b aa 544-743 / 1,152.

Positive control: Mouse peripheral blood.

Subcellular location: Cell membrane.

Database links: SwissProt: P11215 Human | P05555 Mouse

Recommended Dilutions:
FC 5 μ l per million cells in 100 μ l staining volume or 5 μ l per 100 μ l of whole blood.

Storage Buffer: Supplied in phosphate-buffered solution, pH 7.2, containing 0.2% ProClean 950 and BSA.

Storage Instruction: Store at 2°C to 8°C. Avoid repeated freeze / thaw cycles.

Purity: Protein G affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn


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Images

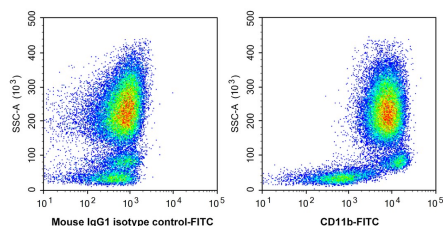


Fig1: Flow cytometry analysis of mouse peripheral blood labelling Human CD11b (HA600130F, FITC).

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

Background References

1. Jerke U et al. Complement receptor Mac-1 is an adaptor for NB1 (CD177)-mediated PR3-ANCA neutrophil activation. *J. Biol. Chem.* 286:7070-7081 (2011).
2. Bai M. et al. CD177 modulates human neutrophil migration through activation-mediated integrin and chemoreceptor regulation. *Blood* 0:0-0 (2017).

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