

ITGAM

Mouse Anti-Human CD11b/CR3 Clone Bear-1 mAb

Catalog No. MON1019-1 **Quantity:** 1 ml
MON1019-5 5 ml

Alternate Names: CD11B, CR3A, MAC-1, MAC1A, MO1A, SLEB6

Description: Mouse Anti-Human CD11b/CR3 Clone Bear-1 mAb.
CD11b is an alpha chain integrin that is expressed as heterodimer noncovalently associated with CD18. CD11b is also designated as CR3, Mac-1, Mo-1 in integrin alphaM subunit and has a molecular weight of 165-170 kDa. The protein mediates PMN and monocytes adherence to endothelium and subsequently PMN extravasation to sites of inflammation.
CD11b/CD18 interacts with both matrix and cell surface proteins including the complement component iC3b, extracellular matrix proteins and the third extracellular domain of CD54. CD11b is expressed on human NK-cells, monocytes, granulocytes, T-cells, B-cells and dendritic cells. After activation, the expression is upregulated.

Concentration: 100 µg/ml

Gene ID: 3684

Specificity: The antibody reacts with the CD11b alpha chain of the CD11b/CD18 (p165, 95) integrin heterodimer present on human NK-cells, monocytes and granulocytes.

Host: Mouse

Isotype: IgG1

Clone: Bear-1

Formulation: 0.2 µm sterile filtered liquid solution in PBS + 0.02% Sodium Azide + 0.1% BSA.
Precaution: Sodium Azide is a poisonous and hazardous substance which should be handled by trained staff only.

Purification: Protein G

Applications: The antibody can be used for flow cytometry, immunohistology on frozen sections and immunoprecipitation. The antibody is not useful for immunohistology on paraffin sections. For immunohistology and flow cytometry dilutions to be used depend on detection system applied. The typical starting working dilution is 1:10. It is recommended that users test the reagent and determine their own optimal dilutions.

Storage & Stability: Store antibody at 2-4°C for up to 1 year.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.