

bsm-43685M**[Primary Antibody]****CD11b Mouse mAb****BioSS**
ANTIBODIES

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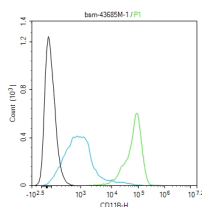
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— DATASHEET —**Host:** Mouse**Isotype:** IgG**Clonality:** Monoclonal**CloneNo.:** 10F11**GeneID:** 3684**SWISS:** P11215**Target:** CD11b**Immunogen:** Recombinant human CD11b protein: 17-1105/1153.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes the integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

Applications: Flow-Cyt (1ug/Test)**Reactivity:** Human**Predicted MW.:** 125 kDa**Subcellular Location:** Cell membrane**— VALIDATION IMAGES —**

The granulocyte (H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Mouse Anti-CD11b antibody (bsm-43685M): 1 µg/10⁶ cells; Secondary Antibody (white blue): Goat anti-Mouse IgG-BF488 (bs-60296G-BF488): 1 µg/test. Blank control (black): PBS. Acquisition of 20,000 events was performed.