



www.AntibodyResearch.com

## Antibody Research Corporation

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### Product Data Sheet

**Product Name:** Anti-Human CD11b Biotin Antibody

**Catalogue No.:** 181975

**Alternate Names:** Integrin alpha-M, Cell surface glycoprotein MAC-1 subunit alpha, CR-3 alpha chain, Leukocyte adhesion receptor MO1, Neutrophil adherence receptor, CD11b antigen, ITGAM, CR3A, MO1A, CD11B, MAC-1, MAC1A, MGC117044.

**Description:** Integrins are heterodimeric integral membrane proteins consisting of an  $\alpha$  chain and a  $\beta$  chain. CD11b is an I-domain including  $\alpha$  integrin combines with the  $\beta$  2 chain (ITGB2) to form a leukocyte-specific integrin referred to as macrophage receptor also called MAC1. The  $\alpha$  M beta 2 integrin is crucial 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.

**Specificity:** Human

**Type:** Monoclonal

**Concentration:** 1mg/mL

**Purity:** Ion exchange column

**Storage:** Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

**Shipping:** Products may be shipped on ice pack or dry ice.

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**For Research Use Only. Not for Diagnostic or Therapeutic Work.**

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