

### 32-5821: Monoclonal antibody to CD11b ( Clone : hCD11b.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	hCD11b.
<b>Gene :</b>	ITGAM
<b>Gene ID :</b>	3684
<b>Uniprot ID :</b>	P11215
<b>Format :</b>	Purified
<b>Alternative Name :</b>	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.
<b>Isotype :</b>	Mouse IgG1.
<b>Immunogen Information :</b>	Purified human PBL Monocytes.

#### 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.

#### Product Info

<b>Amount :</b>	1 mg
<b>Purification :</b>	Ion exchange column.
<b>Content :</b>	1mg/ml in PBS (after reconstitution).
<b>Storage condition :</b>	Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.