

## Product datasheet for **TA392965S**

### CD11b (ITGAM) Mouse Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human CD11B (630aa-1104aa).
Specificity:	CD11B (L1) mAb detects endogenous levels of CD11B protein.
Formulation:	1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 170 kDa
Gene Name:	integrin subunit alpha M
Database Link:	<a href="#">Entrez Gene 3684 Human P11215</a>

**Background:** Integrin  $\alpha$ M, also designated complement component receptor-3  $\alpha$ , CD11b (p170), macrophage antigen a polypeptide, cell surface glycoprotein Mac-1 a subunit, MAC1A, MO1A and ITGAM) is a cell adhesion molecule that acts as a receptor for cell surface ligands such as intracellular adhesion molecules (ICAMs) or soluble ligands. Integrins are heterodimeric proteins that contain an  $\alpha$  chain and  $\beta$  chain. Integrin  $\alpha$ M combines with the Integrin  $\beta$ 2 to form a leukocyte-specific integrin referred to as macrophage receptor 1 (Mac-1), or inactivated-C3b (iC3b) receptor 3 (CR3). Integrin  $\alpha$ M/ $\beta$ 2 is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles.

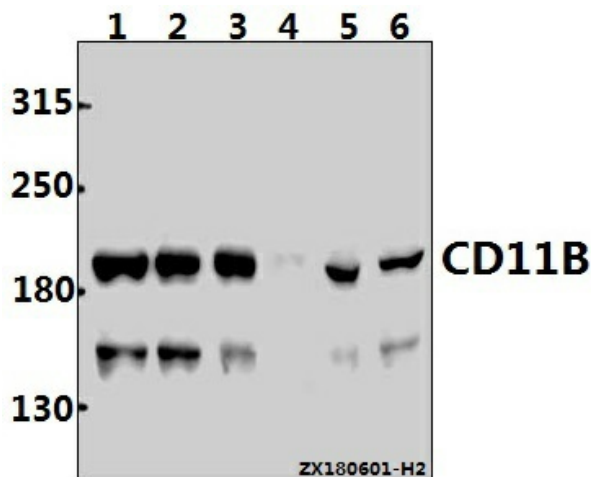


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**Synonyms:** CD11 antigen-like family member B; CD11B; CD11b; Cell surface glycoprotein MAC-1 subunit alpha; CR-3 alpha chain; CR-3 $\alpha$ ; CR3A; CR3 $\alpha$ ; Integrin alpha-M; Integrin  $\alpha$ M; ITGAM; Leukocyte adhesion receptor MO1; Neutrophil adherence receptor

**Note:** For research use only, not for use in diagnostic procedure.

**Product images:**



Western blot (WB) analysis of CD11B (L1) mAb at 1:500 dilution Lane1:Myla2059 whole cell lysate(30ug) Lane2:HuT78 whole cell lysate(30ug) Lane3:K562 whole cell lysate(30ug) Lane4:The Spleen tissue lysate of Rat(40ug) Lane5:RAW264.7 whole cell lysate(40ug) Lane6:THP-1 whole cell lysate(40ug)