

<b>Cat. No:</b>	AB-82662
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 20-330 of human CD11B
<b>Reactivity:</b>	Hu,Ms,Rt
<b>Applications:</b>	Western Blot: 1:500 -1:1000 Immunohistochemistry: 1:50 -1:100 Immunofluorescence: 1:50 -1:100
<b>Molecular Weight:</b>	180kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	ITGAM; CD11B; CR3A; MAC-1; MAC1A; MO1A; SLEB6; integrin alpha-M

**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 leukocytespecific 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.

**Form:**

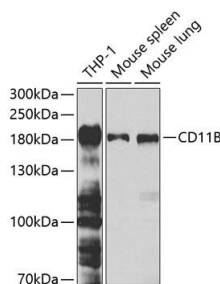
Liquid

**Buffer:**

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles.

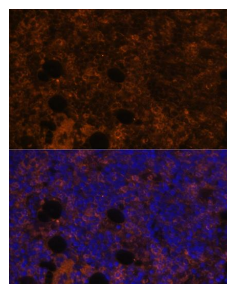


Western blot analysis of extracts of various cell lines, using CD11B antibody at 1:1000 dilution.

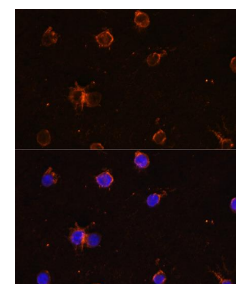
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in

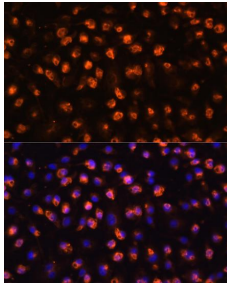


Immunofluorescence analysis of rat bone marrow using CD11B antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of RAW264.7 cells using CD11B antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

TBST.



Immunofluorescence analysis of THP-1 cells using CD11B antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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