

## CD11B (L1) monoclonal antibody

Catalog: BCP00376

Host: Mouse

Reactivity: Human,Mouse,Rat

### 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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 170 kDa

### Swiss-Prot:

P11215

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

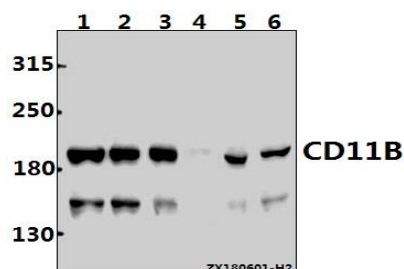
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

CD11B (L1) mAb detects endogenous levels of CD11B protein.

### DATA:



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)

### Note:

For research use only, not for use in diagnostic procedure.