

## CD18 polyclonal antibody

Catalog: BS90220

Host: Rabbit

Reactivity: Human

### BackGround:

Integrins are heterodimers composed of noncovalently associated transmembrane  $\alpha$  and  $\beta$  subunits. The  $\alpha$  16 and  $\beta$  8 subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, Collagen and Vitronectin. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis.

### Product:

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

### Molecular Weight:

95 kDa

### Swiss-Prot:

P05107(Human)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:500-1:1,000

IP:1:10-1:50

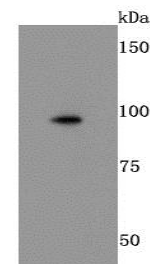
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

### Specificity:

CD18 polyclonal antibody detects endogenous levels of CD18 protein.

### DATA:



Western blot analysis of CD18 on Jurkat cells lysates using anti-CD18 antibody at 1/500 dilution.

### Note:

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

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