

## CD32-B (phospho-Y292) polyclonal antibody

Catalog: BS4667

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

CD32 (also designated Fc gamma RII) is a low affinity receptor for the Fc fragment of aggregated IgG. CD32 is responsible for the clearance of immunocomplexes by macrophages and also plays an important role in the regulation of antibody production by B cells. IgG can non-cooperatively bind either one or two highly glycosylated CD32 molecules, and this binding delivers a negative signal for B cells. CD32 exists as several isoforms that are produced by alternative splicing of three distinct genes, A, B, and C. These isoforms are designated FcγRIIA, FcγRIIB1, FcγRIIB3, and FcγRIIC. All isoforms are present on monocytes, placental trophoblasts and endothelial cells. In addition, the FcγRIIB forms are present on B lymphocytes, and the FcγRIIA and FcγRIIC forms are found on neutrophils.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 40 kDa

### Swiss-Prot:

P31994

### Purification&Purity:

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

### Applications:

WB: 1:500~1:1000

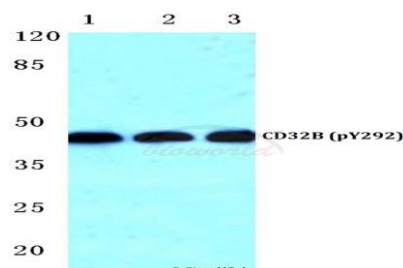
### Storage&Stability:

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

### Specificity:

p-CD32-B (Y292) polyclonal antibody detects endogenous levels of CD32-B protein only when phosphorylated at Tyr292.

### DATA:



Western blot (WB) analysis of p-CD32-B (Y292) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate treated with pervanadate (25ng/ML,72h)

Lane2:Mouse liver tissue lysate

Lane3:PC12 cell lysate treated with pervanadate (25ng/ML,72h)

### Note:

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

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