

CD32-B polyclonal antibody

Catalog: BS61761

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

CD32 (also designated Fc γ 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 noncooperatively 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 Fc γ RIIA, Fc γ RIIB1, Fc γ RIIB3, and Fc γ RIIC. All isoforms are present on monocytes, placental trophoblasts and endothelial cells. In addition, the Fc γ RIIB forms are present on B lymphocytes, and the Fc γ RIIA and Fc γ RIIC forms are found on neutrophils.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 34 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

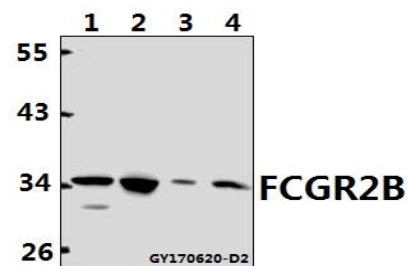
Storage&Stability:

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

Specificity:

CD32-B polyclonal antibody detects endogenous levels of CD32-B protein.

DATA:



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

Lane1:PC12 whole cell lysate(40ug)

Lane2:SP2/0 whole cell lysate(40ug)

Lane3:THP-1 whole cell lysate(40ug)

Lane4:MCF-7 whole cell lysate(40ug)

Note:

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

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