

## CD32 polyclonal antibody

Catalog: BS90232

Host: Rabbit

Reactivity: Human

### BackGround:

CD32 (also designated Fc gamma RII) is a low affinity receptor for the Fc fragment of aggregated IgG (1,2). 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 (1-4). IgG can noncooperatively bind either one or two highly glycosylated CD32 molecules, and this binding delivers a negative signal for B cells (1,2,5). CD32 exists as several isoforms that are produced by alternative splicing of three distinct genes, A, B, and C (2,6). These isoforms are designated FcγRIIA, FcγRIIB1, FcγRIIB3, and FcγRIIC (1,2,6). All isoforms are present on monocytes, placental trophoblasts and endothelial cells (1,6). In addition, the FcγRIIB forms are present on B lymphocytes, and the FcγRIIA and FcγRIIC forms are found on neutrophils (1,6).

### Product:

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

### Molecular Weight:

45 kDa

### Swiss-Prot:

P12318(Human)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000-1:5,000

IHC:1:50-1:200

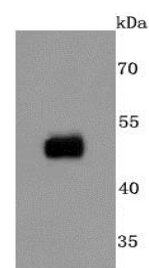
### Storage&Stability:

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

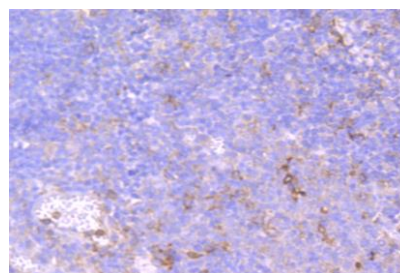
### Specificity:

CD32 polyclonal antibody detects endogenous levels of CD32 protein.

### DATA:



Western blot analysis of CD32 on human lung cells lysates using anti-CD32 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD32 antibody. Counter stained with hematoxylin.

### Note:

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

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