

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CD32-C (D286) Peptide

Cat No.: BS9204P

#### 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 , 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 $\gamma$ RIIA, Fc $\gamma$ RIIB1, Fc $\gamma$ RIIB3 and Fc $\gamma$ RIIC. All isoforms are present on monocytes, placental trophoblasts and endothelial cells. In addition, the Fc $\gamma$ RIIB forms are present on B lymphocytes, and the Fc $\gamma$ RIIA and Fc $\gamma$ RIIC forms are found on neutrophils.

#### Swiss-Prot

P31995

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS9204 CD32-C (D286) pAb.

#### Purification & Purity

Synthetic peptide CD32-C (D286). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

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

#### Research Use

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