

CD47 polyclonal antibody

Catalog: BCP00448

Host: Rabbit

Reactivity: Human

BackGround:

Has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins. Plays an important role in memory formation and synaptic plasticity in the hippocampus (By similarity). Receptor for SIRPA, binding to which prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. Interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and costimulates T-cell activation. May play a role in membrane transport and/or integrin dependent signal transduction. May prevent premature elimination of red blood cells. May be involved in membrane permeability changes induced following virus infection.

Product:

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

Molecular Weight:

~45 kDa

Swiss-Prot:

Q08722

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: 1:1000~1:2000

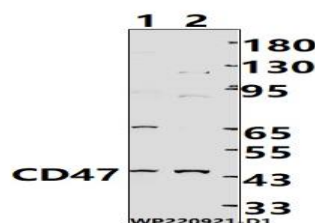
Storage&Stability:

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

Specificity:

CD47 polyclonal antibody detects endogenous levels of CD47 protein.

DATA:



Western blot (WB) analysis of CD47 polyclonal antibody at 1:1000 dilution

Lane1:MCF-7 cell membrane lysate(25ug)

Lane2:SGC7901 cell membrane lysate(25ug)

Note:

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