

CD59 polyclonal antibody

Catalog: NCP0217P

Host: Rabbit

Reactivity: Human

BackGround:

Potent inhibitor of the complement membrane attack complex (MAC) action. Acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase. The soluble form from urine retains its specific complement binding activity, but exhibits greatly reduced ability to inhibit MAC assembly on cell membranes.

Product:

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

Molecular Weight:

~17 kDa

Swiss-Prot:

P13987

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

IF 1:50~1:200

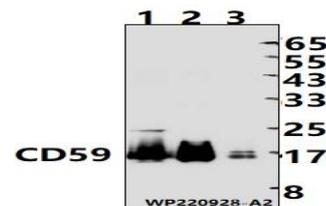
Storage&Stability:

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

Specificity:

CD59 polyclonal antibody detects endogenous levels of CD59 protein.

DATA:

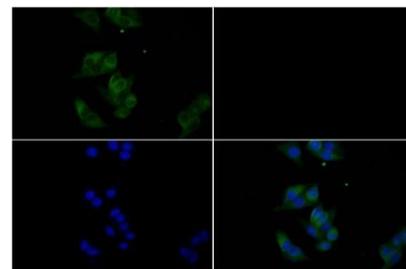


Western blot (WB) analysis of CD59 polyclonal antibody at 1:1000 dilution

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

Lane2:A549 cell membrane lysate(25ug)

Lane3:L02 cell membrane lysate(25ug)



Immunofluorescence analysis of MCF-7 cells using CD59 pAb at dilution of 1:200.

Note:

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

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