

CD70 polyclonal antibody

Catalog: NCP0224P

Host: Rabbit

Reactivity: Human, Mouse

Background:

CD70 is a type II transmembrane glycoprotein and a member of the tumor necrosis factor ligand superfamily (TNFSF), also known as CD27L and TNFSF7. It is normally expressed on medullary thymic epithelial cells. Its expression is induced on activated lymphoid cells (B cells, T cells, and NK cells) and dendritic cells. CD70 is a ligand for CD27, a co-stimulatory receptor that plays an important role in T cell activation and proliferation. CD70 overexpression has been reported in various tumors such as renal cell carcinoma, glioblastoma, and non-small cell lung carcinoma and it's being actively pursued as a therapeutic target.

Product:

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

Molecular Weight:

~ 33 kDa

Swiss-Prot:

P32970

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: 1:2000~1:5000

IF: 1:100~1:500

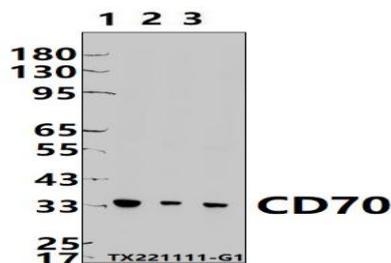
Storage&Stability:

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

Specificity:

CD70 polyclonal antibody detects endogenous levels of CD70 protein.

DATA:

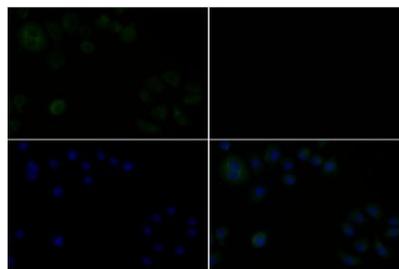


Western blot (WB) analysis of CD70 polyclonal antibody at 1:2000 dilution

Lane1:EC9706 whole cell lysate(30ug)

Lane2:MCF-7 whole cell lysate(30ug)

Lane3:CT-26 whole cell lysate(30ug)



Immunofluorescence analysis of SGC7901 cells using CD70 pAb at dilution of 1:200 (40x lens).

Note:

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

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