

CD154 polyclonal antibody

Catalog: BCP00392

Host: Rabbit

Reactivity: Human

BackGround:

CD40 ligand (CD40L), also known as CD154, TRAP, and gp39, is the ligand for the TNF receptor family member CD40. CD40L is expressed either as a soluble cytokine or as a homotrimeric transmembrane protein. CD40L primarily expressed on the surface of T-cells, but has also been reported in blood platelets, mast cells, basophils, NK cells, and B-cells. It plays an important role in stimulating B-cell cell proliferation and survival and promotes immunoglobulin class switching and secretion of IgE. Signals generated by CD40 vary depending on cell type and include activation of MAPK pathways as well as NF- κ B. Mutations within the CD40L gene are associated with X-linked hyper-IgM syndrome characterized by high serum levels of IgM and decreased levels of other isotypes. The CD40L/CD40 pathway is an important area of interest in the study of cancer, vascular diseases, and inflammatory disorders.

Product:

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

Molecular Weight:

~ 34 kDa

Swiss-Prot:

P29965

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:2000~1:5000

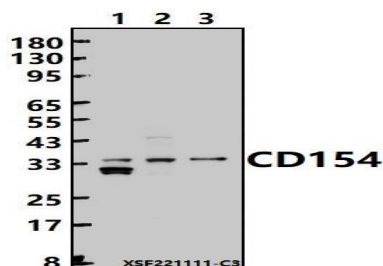
Storage&Stability:

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

Specificity:

CD154 polyclonal antibody detects endogenous levels of CD154 protein.

DATA:



Western blot (WB) analysis of CD154 polyclonal antibody at 1:2000 dilution

Lane1:MCF-7 cell membrane lysate(24ug)

Lane2:L02 cell membrane lysate(24ug)

Lane3:EC9706 cell membrane lysate(24ug)

Note:

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