

CD37 polyclonal antibody

Catalog: NCP0203P

Host: Rabbit

Reactivity: Human

BackGround:

CD37 belongs to the tetraspanin family of transmembrane proteins and a high level of expression is restricted largely to normal and as well as malignant B cells. Other immune cell populations such as T cells and monocytes, however, have been shown to express low levels of CD37. While the molecular mechanisms are still not fully resolved, research studies have shown that CD37 becomes tyrosine phosphorylated and facilitates association with intracellular signaling proteins that drive both survival and apoptosis in B cells. Due to its fairly restricted, high level of expression in normal and neoplastic B cells, CD37 has become an attractive immunotherapy target in the context of B cells malignancies.

Product:

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

Molecular Weight:

~ 43 kDa

Swiss-Prot:

P11049

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 1:50~1:200

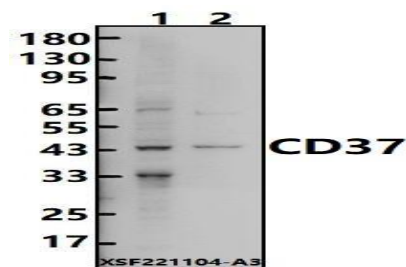
Storage&Stability:

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

Specificity:

CD37 polyclonal antibody detects endogenous levels of CD37 protein.

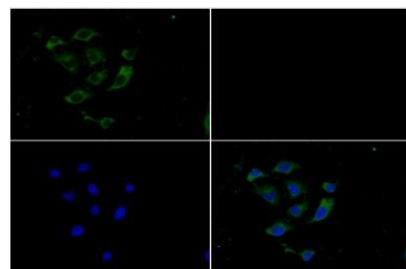
DATA:



Western blot (WB) analysis of CD37 polyclonal antibody at 1:2000 dilution

Lane1:A549 whole cell lysate(30ug)

Lane2:EC9706 cell membrane lysate(24ug)



Immunofluorescence analysis of A549 cells using CD37 pAb at dilution of 1:200.

Note:

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

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