

IL3RA polyclonal antibody

Catalog: BCP00955

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

IL3RA/CD123 is the alpha subunit of an IL-3 receptor that also contains the common beta chain (β c) shared with receptors for other cytokines. IL3RA/CD123 alone binds to IL-3 with high specificity but low affinity and it does not transduce intracellular signaling, while β c alone does not bind to IL-3 appreciably. Together, IL3RA/CD123 and β c form the functional high-affinity receptor for IL-3. IL3RA/CD123 is mainly expressed on the hematopoietic progenitor cells, primarily the granulocytic and monocytic lineages. IL3RA/CD123 is highly expressed on leukemic stem cells in the majority of AML (acute myeloid leukemia) patients and is correlated with poor prognosis. In addition, overexpression of IL3RA/CD123 has also been reported for other hematopoietic malignancies. It is considered as a valuable therapeutic target for these malignancies.

Product:

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

Molecular Weight:

~ 60 kDa

Swiss-Prot:

P26951

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:

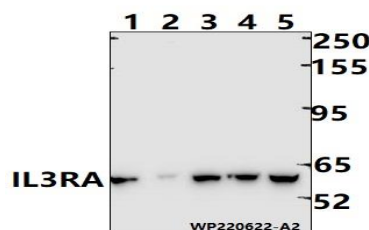
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

IL3RA polyclonal antibody detects endogenous levels of IL3RA protein.

DATA:



Western blot (WB) analysis of IL3RA polyclonal antibody at 1:1000 dilution

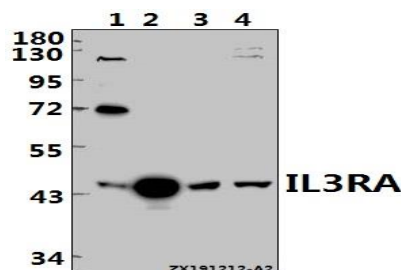
Lane1:CT-26 whole cell lysate(30ug)

Lane2:C6 whole cell lysate(30ug)

Lane3:HepG2 whole cell lysate(30ug)

Lane4:HCT116 whole cell lysate(30ug)

Lane5:A549 whole cell lysate(30ug)



Note:

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