

IL-8R β (D343) polyclonal antibody

Catalog: BS1801

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

IL-8 has been shown to function as a potent neutrophil chemostatic and activating peptide and is an important mediator of inflammatory diseases. Two distinct human IL-8 receptors, designated IL-8RA and IL-8RB, have been characterized. Both are expressed at a high level on neutrophils and, to a lesser extent, on monocytes and myeloid cell lines. In addition, the IL-8RA subunit is expressed in T cells such as the Jurkat cell line. Both IL-8Rs are members of the seven transmembrane domain rhodopsin superfamily of receptors and, as such, couple G proteins for signal transduction. The 2 receptors share 77% amino acid identity. IL-8RA exhibits high affinity binding for IL-8 and low affinity MGSA binding, whereas IL-8RB has high affinity binding for both IL-8 and MGSA.

Product:

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

Molecular Weight:

~ 40 kDa

Swiss-Prot:

P25025

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: 1:500~1:1000

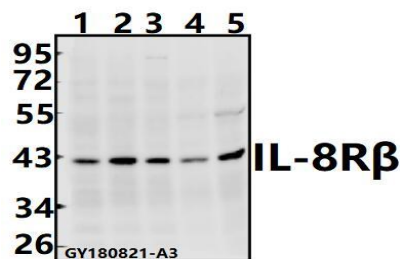
Storage&Stability:

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

Specificity:

IL-8R β (D343) pAb detects endogenous levels of IL-8R β (D343) protein.

DATA:



Western blot (WB) analysis of IL-8R β (D343) pAb at 1:500 dilution

Lane1:K562 whole cell lysate(40ug)

Lane2:EC9706 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:PMVEC whole cell lysate(40ug)

Lane5:AML-12 whole cell lysate(40ug)

Note:

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

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