

IL-13R α 1 (phospho-Y405) polyclonal antibody

Catalog: BS4564

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 49 kDa

Swiss-Prot:

P78552

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:

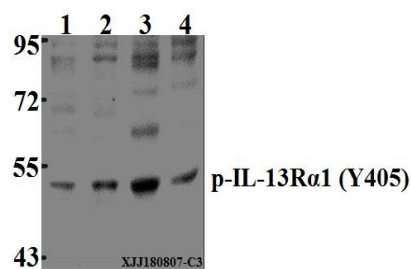
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

IL-13R α 1 (phospho-Y405) polyclonal antibody detects endogenous levels of IL-13R α 1 protein when phosphorylated at Tyr405.

DATA:



Western blot (WB) analysis of p-IL-13R α 1 (Y405) pAb at 1:500 dilution

Lane1:SK-OVCAR3 whole cell lysate(40 μ g)

Lane2:LO2 whole cell lysate(40 μ g)

Lane3:RAW264.7 whole cell lysate(40 μ g)

Lane4:C6 whole cell lysate(40 μ g)

Note:

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

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