

IL13 Receptor α 1 polyclonal antibody

Catalog: BS90700

Host: Rabbit

Reactivity: Human

BackGround:

Interleukin 13 receptor, alpha 1, also known as IL13RA1 and CD213A1 (cluster of differentiation 213A1), is a human gene. Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity. 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:

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

Molecular Weight:

50/40 kDa

Swiss-Prot:

P78552(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-2,000

ICC:1:100-1:500

IHC:1:50-1:200

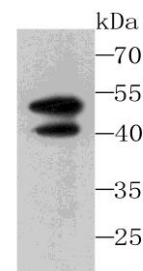
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

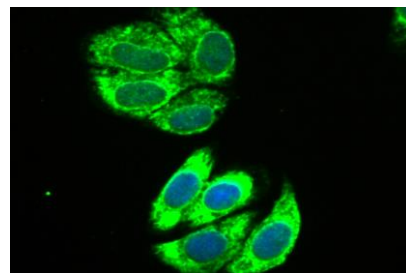
Specificity:

IL13 Receptor α 1 polyclonal antibody detects endogenous levels of IL13 Receptor α 1 protein.

DATA:



Western blot analysis of IL13 Receptor alpha 1 on A549 cell lysates using anti-IL13 Receptor alpha 1 antibody at 1/500 dilution.



ICC staining IL13 Receptor alpha 1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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