



IL-13R α 2 Polyclonal Antibody

E20-75616

Catalog Number:E20-75616

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Immunogen Description:Synthesized peptide derived from Interleukin-13 receptor subunit alpha-2 at AA range: 241-290

Calculated MW:44176Da

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Gene Name:IL13RA2

Dilution:Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

Protein Name:Interleukin-13 receptor subunit alpha-2

Human Gene Id:3598

Human Swiss Prot No:Q14627

Mouse Swiss Prot No:O88786

Specificity:IL-13R α 2 Polyclonal Antibody detects endogenous levels of IL-13R α 2 protein.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:IL13RA2; IL13R; Interleukin-13 receptor subunit alpha-2; IL-13 receptor subunit alpha-2; IL-13R subunit alpha-2; IL-13R-alpha-2; IL-13RA2; Interleukin-13-binding protein; CD213a2

Observed Band(KD):44

Background:interleukin 13 receptor subunit alpha 2(IL13RA2) Homo sapiens The protein encoded by this gene is closely related to IL13RA1, a subunit of the interleukin 13 receptor complex. This protein binds IL13 with high affinity, but lacks cytoplasmic domain, and does not appear to function as a signal mediator. It is reported to play a role in the internalization of IL13. [provided by RefSeq, Jul 2008].

Function:domain:The box 1 motif is required for JAK interaction and/or activation.,domain:The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.,function:Binds as a monomer with high affinity to interleukin 13 (IL13), but not to IL4.,similarity:Belongs to the type

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I cytokine receptor family. Type 5 subfamily.,similarity:Contains 1 fibronectin type-III domain.,

Subcellular Location:extracellular region,extracellular space,membrane,integral component of membrane,

Expression:Brain,Lung,Prostate,Renal cell carcinoma,Testis,