

白细胞介素-13 受体 $\alpha 1$ 抗体

产品货号： mIR2460

英文名称： IL-13Ra1

中文名称： 白细胞介素-13 受体 $\alpha 1$ 抗体

别 名： Interleukin-13 receptor subunit alpha-1; CD213A1; CD213A1 Antigen; IL 13R alpha 1; IL 13Ra; IL13 receptor alpha 1; IL13R; IL13RA; IL13RA1; Interleukin 13 receptor alpha 1 chain; NR4; I13R1_HUMAN.

研究领域： 细胞生物 免疫学 信号转导 细胞膜受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 47kDa

细胞定位： 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human IL-13Ra1:351-427/427 <Cytoplasmic>

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： 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.

Function:

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.

Subunit:

Interleukin-13 receptor is a complex of IL4R, IL13RA1, and possibly other components. Interacts with TRAF3IP1.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Tissue Specificity:

Spleen, liver, thymus, heart, lung, kidney, testis, stomach, brain, skin, and colon; but not skeletal muscle.

Similarity:

Belongs to the type I cytokine receptor family. Type 5 subfamily.

SWISS:

P78552

Gene ID:

3597

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.