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IL-13Rα2 Polyclonal Antibody

Catalog # AP73799

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q14627
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44176

Additional Information

Gene ID	3598
Other Names	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
Dilution	WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

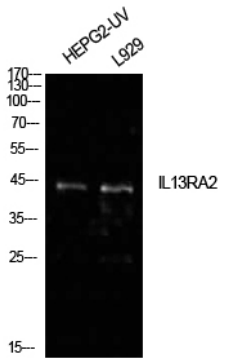
Protein Information

Name	IL13RA2
Synonyms	IL13R
Function	Cell surface receptor that plays a role in the regulation of IL-13-mediated responses (PubMed:11861389, PubMed:17030238). Functions as a decoy receptor that inhibits IL-13- and IL-4-mediated signal transduction via the JAK-STAT pathway and thereby modulates immune responses and inflammation (PubMed:11861389, PubMed:17030238). Serves as a functional signaling receptor for IL-13 in an alternative pathway involving AP-1 ultimately leading to the production of TGFB1 (PubMed:16327802).
Cellular Location	Cell membrane; Single-pass type I membrane protein

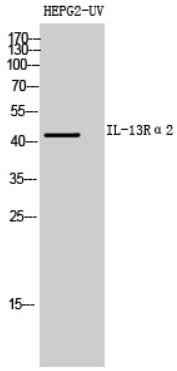
Background

Binds as a monomer with high affinity to interleukin-13 (IL13), but not to interleukin-4 (IL4).

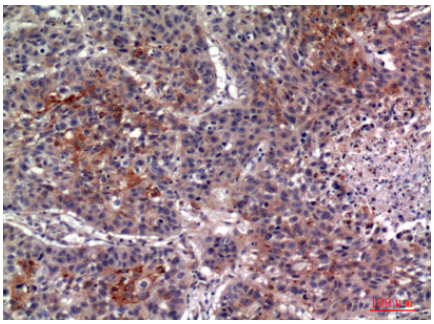
Images



Western Blot analysis of HepG2(UV), L929 cells using IL-13Rα2 Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



Western Blot analysis of HEPG2-UV cells using IL-13Rα2 Polyclonal Antibody diluted at 1：500. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.