

KD-Validated Anti-IL13 receptor alpha 1 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1576**Specification****KD-Validated Anti-IL13 receptor alpha 1 Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	P78552
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 49 kDa , observed , 50 kDa KDa
Gene Name	IL13RA1
Aliases	IL13RA1; Interleukin 13 Receptor Subunit Alpha 1; CD213a1 Antigen; IL-13Ra; CD213a1; NR4; Interleukin-13 Receptor Subunit Alpha-1; Interleukin 13 Receptor, Alpha 1; IL-13 Receptor Subunit Alpha-1; IL13 Receptor Alpha-1 Chain; Cancer/Testis Antigen 19; IL-13R Subunit Alpha-1; CT19; IL-13R-Alpha-1; IL-13RA1; IL13RA; IL13R
Immunogen	A synthesized peptide derived from human IL13 receptor alpha 1

KD-Validated Anti-IL13 receptor alpha 1 Rabbit Monoclonal Antibody - Additional Information

Gene ID	3597
Other Names	Interleukin-13 receptor subunit alpha-1, IL-13 receptor subunit alpha-1, IL-13R subunit alpha-1, IL-13R-alpha-1, IL-13RA1, Cancer/testis antigen 19, CT19, CD213a1, IL13RA1, IL13R, IL13RA

KD-Validated Anti-IL13 receptor alpha 1 Rabbit Monoclonal Antibody - Protein Information**Name** IL13RA1**Synonyms** IL13R, IL13RA**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.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

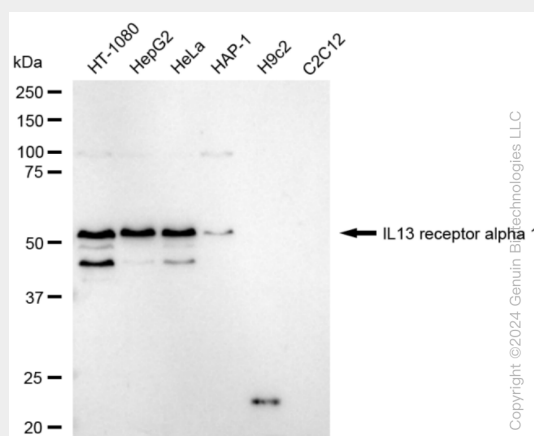
Ubiquitous. Highest levels in heart, liver, skeletal muscle and ovary; lowest levels in brain, lung and kidney Also found in B-cells, T-cells and endothelial cells

KD-Validated Anti-IL13 receptor alpha 1 Rabbit Monoclonal Antibody - Protocols

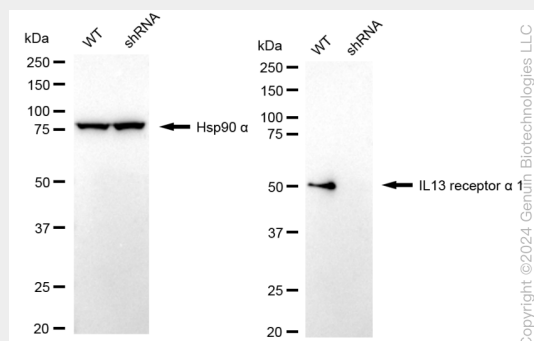
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

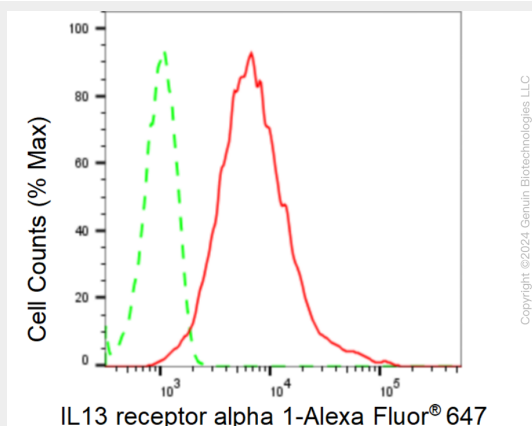
KD-Validated Anti-IL13 receptor alpha 1 Rabbit Monoclonal Antibody - Images



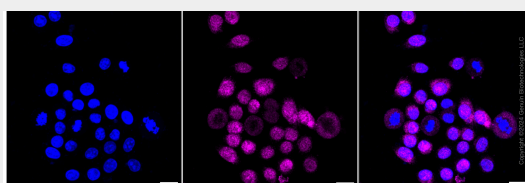
Western blotting analysis using anti-IL13 receptor alpha 1 antibody (Cat#AGI1576). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IL13 receptor alpha 1 antibody (Cat#AGI1576, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-IL13 receptor α 1 antibody (Cat#AGI1576). IL13 receptor α 1 expression in wild type (WT) and IL13 receptor α 1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-IL13 receptor α 1 antibody (Cat#AGI1576, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of IL13 receptor alpha 1 expression in HepG2 cells using IL13 receptor alpha 1 antibody (Cat#AGI1576, 1:2,000). Green, isotype control; red, IL13 receptor alpha 1.



Immunocytochemical staining of Hela cells with anti-IL13 receptor alpha 1 antibody (Cat#AGI1576, 1:1,000). Nuclei were stained blue with DAPI; IL13 receptor alpha 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.