

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

Rabbit monoclonal antibody

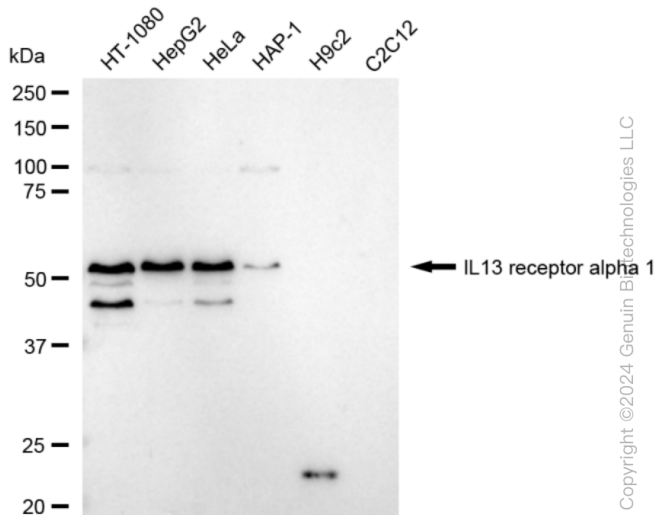
ABG1576

Product Overview

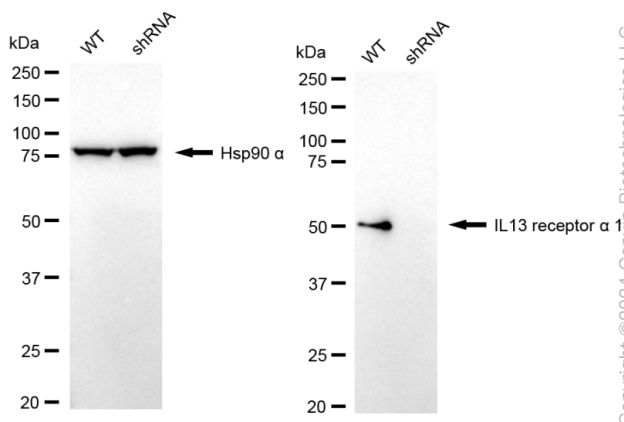
Name	KD-Validated Anti-IL13 receptor alpha 1 Rabbit Monoclonal Antibody
Accession(Primary)	P78552
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human IL13 receptor alpha 1
Species Reactivity	Human
Calculated MW	Predicted, 49 kDa , observed , 50 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P78552)

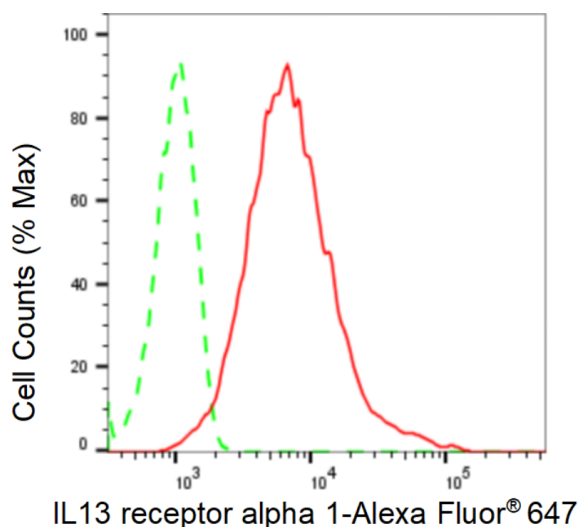
Gene Name	IL13RA1
About Gene Symbol	IL13RA1 (Interleukin 13 Receptor Subunit Alpha 1) is a cytokine and immune signaling protein involved in adaptive immunity. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



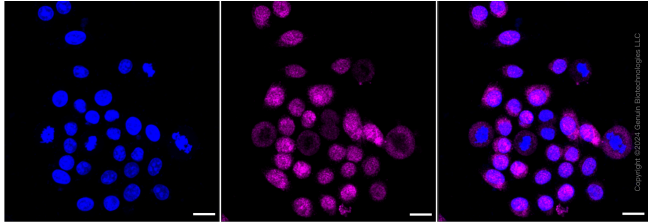
Western blotting analysis using anti-IL13 receptor alpha 1 antibody (Cat#ABG1576). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IL13 receptor alpha 1 antibody (Cat#ABG1576, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-IL13 receptor α 1 antibody (Cat#ABG1576). 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#ABG1576, 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#ABG1576, 1:2,000). Green, isotype control; red, IL13 receptor alpha 1.



Immunocytochemical staining of HeLa cells with anti-IL13 receptor alpha 1 antibody (Cat#ABG1576, 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 μ m.