

IL13RA1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Mouse myeloma cell line NS0-derived recombinant human IL-13R alpha 1 Ala27-Thr343 (Thr130Ile)
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2608264

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	5-15 µg/mL	-
Flow Cytometry (Flow)	2.5 µg/1x10 ⁶ cells	-
Neutralization (Neu)	10-30 µg/mL	-

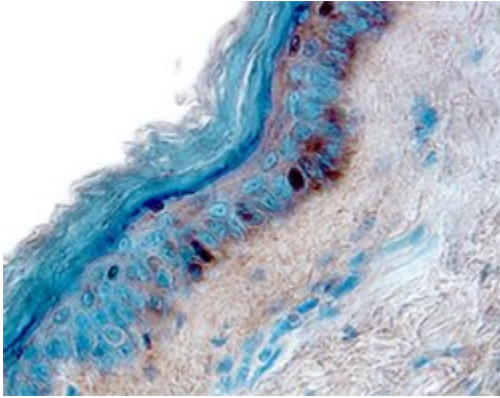
Product Specific Information

In direct ELISAs and Western blots, less than 5% cross-reactivity with recombinant human (rh) IL-13 R alpha 2, recombinant mouse IL-13 R alpha 1, rhIL-5 R alpha, rhIL-5 R beta, rhIL-4 R, and rhIL-9 R is observed.

Reconstitute at 0.2 mg/mL in sterile PBS.

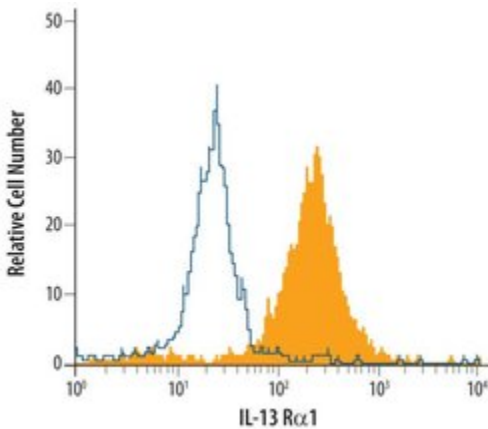
Endotoxin level is <0.10 EU per 1 µg of the antibody by the LAL method.

Product Images For IL13RA1 Polyclonal Antibody



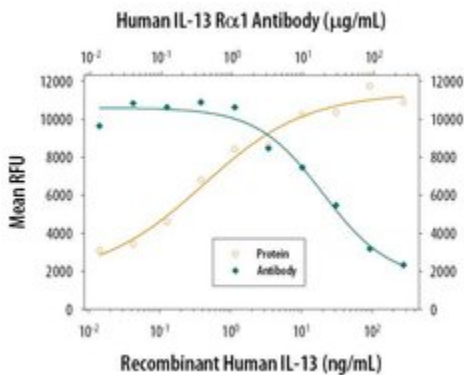
IL13RA1 Antibody (PA5-47149) in IHC (P)

Immunohistochemical analysis of IL-13 Ra1 was detected in immersion fixed paraffin-embedded sections of human skin using Goat Anti-human IL-13 Ra1 Antigen Affinity-purified Polyclonal Antibody (Product # PA5-47149) at 15 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB (brown and counterstained with hematoxylin (blue).



IL13RA1 Antibody (PA5-47149) in Flow

Flow cytometric analysis of recombinant Human IL-13 stimulates proliferation in the TF-1 human erythroleukemic cell line in a dose-dependent manner (orange line). Proliferation elicited by Recombinant Human IL-13 (10 ng/mL) is neutralized (green line) by increasing concentrations of Goat Anti-Human IL-13 R1 Antigen Affinity-purified Polyclonal Antibody (Product # PA5-47149). The ND50 is typically 10-30 µg/mL.



IL13RA1 Antibody (PA5-47149) in Neu

Neutralization assay of recombinant human IL-13 stimulates proliferation in the TF-1 human erythroleukemic cell line in a dose-dependent manner (orange line). Proliferation elicited by recombinant human IL-13 (10 ng/mL) is neutralized (green line) by increasing concentrations of Goat Anti-human IL-13 Ra1 Antigen Affinity-purified Polyclonal Antibody (Product # PA5-47149). The ND50 is typically 10-30 µg/mL.

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