

IL-13 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human IL13 recombinant protein (Position: P36-N146).
Form	Lyophilized
Purification	Affinity chromatography
Storage buffer	0.2mg sodium phosphate with 0.9mg NaCl
Contains	0.05mg sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

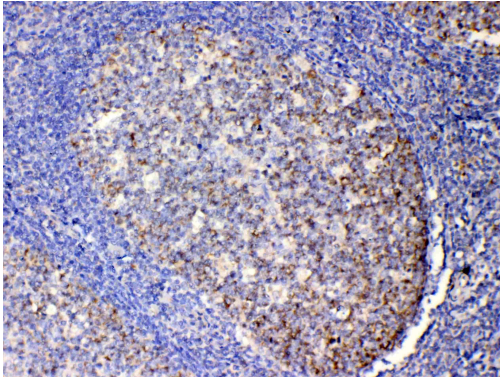
Applications	Tested	Dilution	Published
Immunohistochemistry (Paraffin) (IHC (P))	✓	0.5-1 µg/mL	
Western Blot (WB)	✓	0.1-0.5 µg/mL	

Product Specific Information

Human IL13 shares 55.3% and 61.9% amino acid (aa) sequence identity with mouse and rat IL13, respectively.

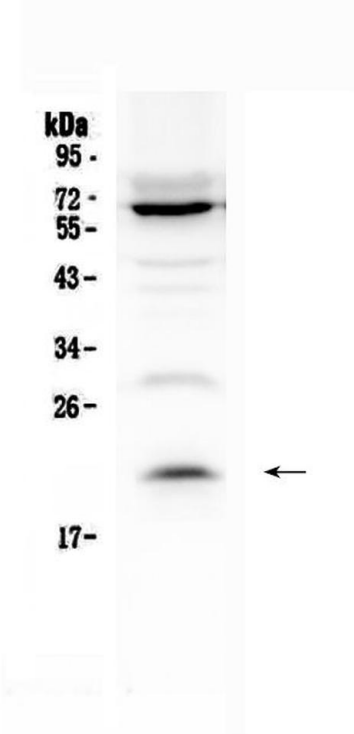
Reconstitution information: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Product Images For IL-13 Polyclonal Antibody



IL-13 Antibody (PA5-95415) in IHC (P)

Immunohistochemistry analysis of IL-13 in paraffin-embedded human tonsil tissues. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with IL-13 polyclonal antibody (Product # PA5-95415) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Streptavidin-Biotin-Complex and DAB.



IL-13 Antibody (PA5-95415) in WB

Western blot analysis of IL-13 in Lane 1: K562 whole cell lysates. Electrophoresis was performed with 5-20% SDS-PAGE gel (70V, Stacking gel; 90V Resolving gel, Time: 2-3 hours), transferred to a nitrocellulose membrane and blocked using 5% Non-fat Milk/TBS (1.5 hrs at room temperature). Samples were incubated with IL-13 polyclonal antibody (Product # PA5-95415) using a 0.5 µg/mL dilution, followed by a goat anti-rabbit IgG-HRP at a dilution of 1:10,000, and developed with enhanced chemiluminescence (ECL).

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