

Anti-IL13 antibody (25-146) (STJ24163)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

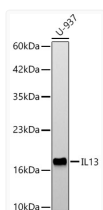
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 16kDa Observed Mw: 16kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

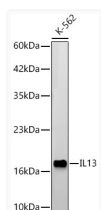
Gene ID	3596
Gene Symbol	IL13
UniProt ID	IL13_HUMAN
Immunogen Region	25-146
Immunogen Sequence	LTCLGGFASPGVPVPSTALR ELIEELVNITQNKAPLCNG SMVWSINLTAGMYCAALES INVSGCSAIEKTQRLSGFC PHKVSAGQFSSLHVRDTKIE VAQFVKDLLHLKLFREGQ FN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 25-146 of human IL13 (NP_002179.2).

ADDITIONAL INFORMATION

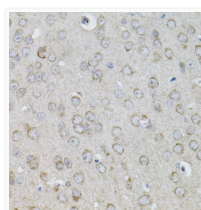
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



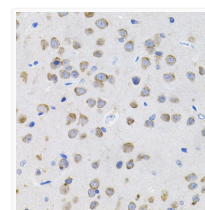
Western blot analysis of U-937, using IL13 rabbit polyclonal antibody (STJ24163) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 45s.



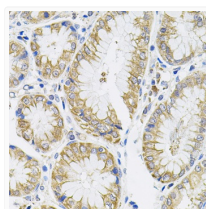
Western blot analysis of K-562, using IL13 rabbit polyclonal antibody (STJ24163) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded mouse brain using IL13 antibody (STJ24163) (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat brain using IL13 antibody (STJ24163) (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human stomach using IL13 antibody (STJ24163) (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.