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Datasheet for ABIN1102453

anti-IL-13 antibody

2 Images

Overview

Quantity:	50 µg
Target:	IL-13 (IL13)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Neutralization (Neut), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	E.coli derived recombinant Human IL-13. Type of Immunogen: Cell extract
Isotype:	IgG
Specificity:	Human IL-13
Purification:	Immunoaffinity purified

Target Details

Target:	IL-13 (IL13)
Alternative Name:	IL13 (IL13 Products)

Target Details

Background:	Name/Gene ID: IL13 Family: Hormone Synonyms: IL13, ALRH, BHR1, Interleukin-13, NC30, p600, IL-13, Interleukin 13
Gene ID:	3596
UniProt:	P35225
Pathways:	JAK-STAT Signaling , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Proton Transport

Application Details

Application Notes:	Approved: ELISA (0.5 - 2 µg/mL), IHC, IHC-P (5 µg/mL), Neut (0.12 - 0.15 µg/mL), WB (0.1 - 0.2 µg/mL) Usage: Immunohistochemistry: LS-B7417 in an IHC-plus antibody, validated by our pathologists for use in IHC against formalin-fixed, paraffin-embedded human tissues (IHC validation procedure). A concentration of 5 µg/mL is recommended. Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of hIL-13 (2 ng/mL), a concentration of 0.12-0.15 µg/mL of this antibody is required. ELISA: To detect hIL-13 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human IL-13 (LS-C104340) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hIL-13. Western Blot: To detect hIL-13 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-13 is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

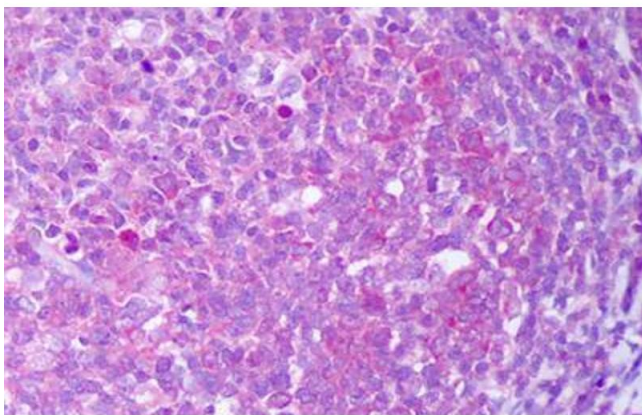
Handling

Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific

Handling

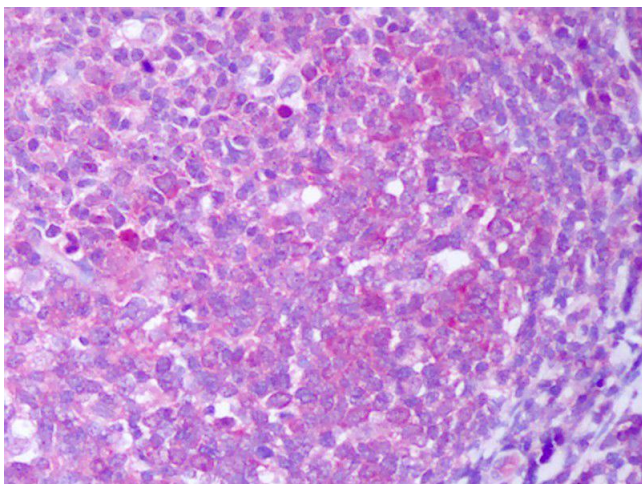
Buffer:	Lyophilized from PBS, pH 7.2
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Store Lyophilized at room temperature up to 1 month Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-IL-13 antibody IHC staining of human tonsil, germinal center. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1102453 concentration 5 ug/ml.



Immunohistochemistry

Image 2. Anti-IL-13 antibody IHC of human tonsil, germinal center. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.