

Datasheet for ABIN1102439

anti-IL-22 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	50 µg
Target:	IL-22 (IL22)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-22 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-22. Type of Immunogen: Cell extract
Isotype:	IgG
Specificity:	Human IL-22
Purification:	Immunoaffinity purified

Target Details

Target:	IL-22 (IL22)
Alternative Name:	IL22 (IL22 Products)

Target Details

Background:	Name/Gene ID: IL22 Family: Interleukin Synonyms: IL22, Cytokine Zcyto18, ILTIF, Interleukin 22, IL-22, IL-D110, TIFIL-23, Zcyto18, IL-TIF, Interleukin-22
Gene ID:	50616
UniProt:	Q9GZX6

Application Details

Application Notes:	Approved: ELISA (0.5 - 2 µg/mL), IHC, IHC-P (5 µg/mL), Neut (1.25 µg/mL), WB (0.1 - 0.2 µg/mL) Usage: Immunohistochemistry: LS-B7437 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 Human IL-22 (50 ng/mL), a concentration of 1.25 µg/mL of this antibody is required. ELISA: To detect hIL-22 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-22 (LS-C104319) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hIL-22. Western Blot: To detect hIL-22 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-22 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

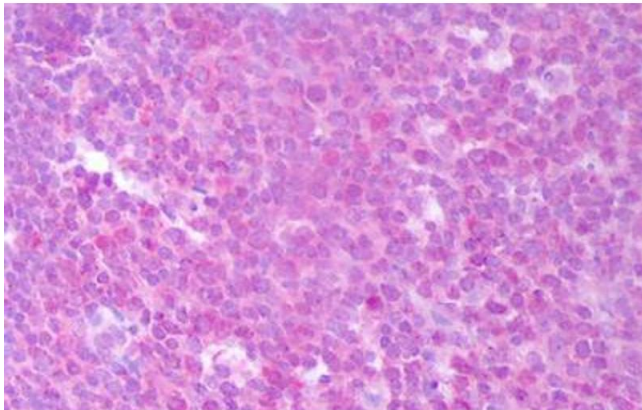
Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2
Handling Advice:	Avoid freeze/thaw cycles.

Handling

Storage: 4 °C, -20 °C

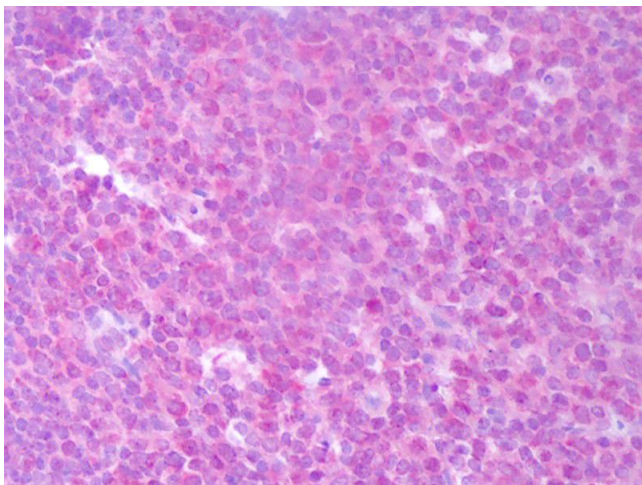
Storage Comment: Store Lyophilized at room temperature up to 1 month
Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage.
Avoid freeze/thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-IL-22 antibody IHC staining of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1102439 concentration 5 ug/ml.



Immunohistochemistry

Image 2. Anti-IL-22 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.