

Datasheet for ABIN1102463
anti-Interleukin 17a antibody



[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	Interleukin 17a (IL17A)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Interleukin 17a 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-17A. Type of Immunogen: Cell extract
Isotype:	IgG
Specificity:	Human IL-17A
Purification:	Immunoaffinity purified

Target Details

Target:	Interleukin 17a (IL17A)
Alternative Name:	IL17A / IL17 (IL17A Products)

Target Details

Background: Name/Gene ID: IL17A
Family: Interleukin
Synonyms: IL17A, CTLA-8, CTLA8, Interleukin-17A, Interleukin 17A, IL-17, IL-17A, IL17

Gene ID: 3605

UniProt: [Q16552](#)

Application Details

Application Notes: Approved: ELISA (0.5 - 2 µg/mL), IHC, IHC-P (5 µg/mL), Neut (0.9 - 1.3 µg/mL), WB (0.1 - 0.2 µg/mL)

Usage: Immunohistochemistry: LS-B7397 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-17A (50 ng/mL), a concentration of 0.9-1.3 µg/mL of this antibody is required. ELISA: To detect hIL-17A 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-17A (LS-C104417) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hIL-17A. Western Blot: To detect hIL-17A 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-17A 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: Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL.

Concentration: Lot specific

Buffer: Lyophilized from PBS, pH 7.2

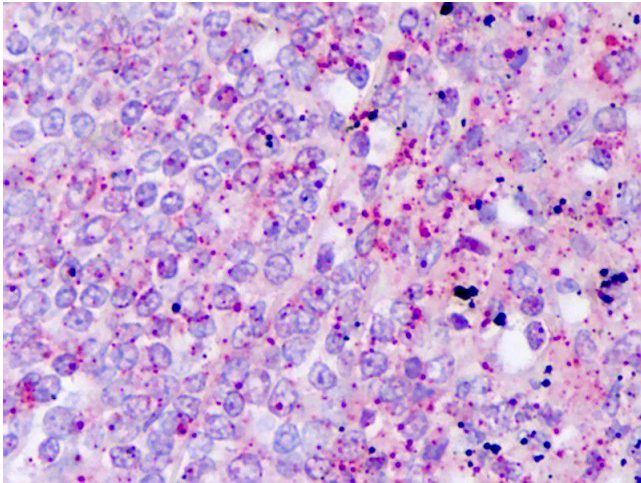
Handling Advice: Avoid freeze/thaw cycles.

Handling

Storage: 4 °C, -20 °C

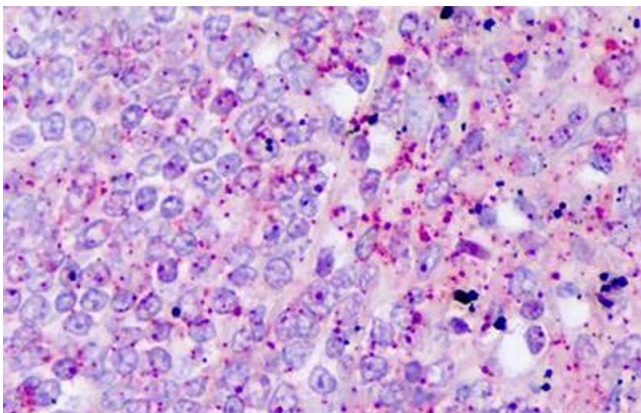
Storage Comment: Store Lyophilized at room temperature up to 1 month
Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage.
Avoid freeze/thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-IL-17 antibody IHC of human t lymphocytes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



Immunohistochemistry

Image 2. Anti-IL-17 antibody IHC staining of human t lymphocytes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1102463 concentration 5 ug/ml.