

Anti-Human IL-17 (IL-17A) Antibody
Catalog # ABG10217**Specification**

Anti-Human IL-17 (IL-17A) Antibody - Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Goat
Clonality	Polyclonal

Anti-Human IL-17 (IL-17A) Antibody - Additional Information**Preparation**

Produced from sera of goats pre-immunized with highly pure (>98%) recombinant hIL-17A. Anti-Human IL-17A specific antibody was purified by affinity chromatography employing immobilized hIL-17 matrix.

WesternBlot

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 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect hIL-17A by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems's Biotinylated Anti-Human IL-17A (60-017AGBT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-17A.

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 0.125 µg/ml - 0.25 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary. Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.

Neutralization

To yield one-half maximal inhibition [**ND**50] of the biological activity of Human IL-17A (50.00 ng/ml), a concentration of 0.43 - 0.65 µg/ml of this antibody is required.

Formulation

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Storage

-20°C

Precautions

Anti-Human IL-17 (IL-17A) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human IL-17 (IL-17A) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Human IL-17 (IL-17A) Antibody - Images