

Anti-Human I-TAC Antibody

Catalog # ABG10322

Specification

Anti-Human I-TAC Antibody - Product Information

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

Anti-Human I-TAC Antibody - Additional Information

Preparation

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hI-TAC. Anti-Human I-TAC specific antibody was purified by affinity chromatography employing immobilized hI-TAC matrix.

WesternBlot

To detect hI-TAC by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 μ g/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hI-TAC is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect hI-TAC by sandwich ELISA (using 100 μ I/well antibody solution) a concentration of 0.5 - 2.0 μ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human I-TAC (60-197BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hI-TAC.

Immunohistochemistry

This antibody stained formalin-fixed paraffin-embedded sections of human renal tumor with parenchyma tissue. The recommended concentration is $0.125~\mu g/mL$ - $0.25~\mu g/mL$ with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Optimal results for these conditions were achieved without antigen retrieval. Optimal concentrations and conditions may vary.

Neutralization

To yield one-half maximal inhibition [ND₅₀] of the biological activity of hI-TAC (100 ng/ml), a concentration of 7.0-8.0 µg/ml of this antibody is required.

Formulation

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

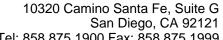
Reconstitution

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

Storage

-20°C

Precautions





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Anti-Human I-TAC Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human I-TAC Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-Human I-TAC Antibody - Images