

## **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  $\mu$ 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  $\mu$ I/well antibody solution) a concentration of 0.5 - 2.0  $\mu$ 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 [<strong>ND</strong><span style="font-size: 16px;"><sub>50</sub></span>] 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.

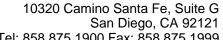
# Reconstitution

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**