

Anti-Human sTRAIL/Apo2L Antibody
Catalog # ABG10566**Specification****Anti-Human sTRAIL/Apo2L Antibody - Product Information**

Application	WB, IHC, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Anti-Human sTRAIL/Apo2L Antibody - Additional Information**Preparation**

Produced in BALB/c x ICR F₁ mice using highly pure (>98%) recombinant human TRAIL/APO2L as the immunizing antigen. This IgG1_K antibody was purified from ascites fluid by Protein A affinity chromatography.

WesternBlot

To detect Human sTRAIL/Apo2L by Western Blot analysis this antibody can be used at a concentration of 0.25-0.50 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human sTRAIL/Apo2L is 0.25-1.0 ng/lane, under reducing or non-reducing conditions.

Sandwich

In a sandwich ELISA (assuming 100µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 500 pg/ml of recombinant human sTRAIL/APO2L when used with BioGems' biotinylated antigen affinity purified anti-human sTRAIL/APO2L (60-330BT) as the detection antibody at a concentration of approximately 1.0-2.0 µg/ml.

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human renal cell carcinoma. The recommended concentration is 2.5 µg/mL- 1.5 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 9.0 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.
 Information and photo are courtesy of Flagship Biosciences, LLC - Histology Services.*

Neutralization

To yield one-half maximal inhibition **[ND₅₀]** of the biological activity of Human TRAIL/Apo2L (10.0 ng/ml), a concentration of 0.30-0.60 µg/ml of this antibody is required.

Formulation

A sterile filtered antibody solution was lyophilized from PBS.

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 sTRAIL/Apo2L Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human sTRAIL/Apo2L 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 sTRAIL/Apo2L Antibody - Images