10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 Cytomety
- Cell Culture

Anti-Human sTRAIL/Apo2L Antibody - Images