



Mouse Anti-Human TRAIL

Cat. No.	Format	Size
11050-01	Purified (UNLB)	0.5 mg

Overview

Clone	SB91c
Isotype	Mouse (BALB/c) IgG _{2b} K
Immunogen	Recombinant TRAIL
Specificity	Human TRAIL
Alternate Name(s)	CD253, Apo-2 ligand, Apo-2L, TNFSF10

Description

Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) is a member of the TNF family of cytokines. This type II transmembrane protein is expressed by several cytotoxic immune cells, including natural killer cells and activated T cells, and is selective for tumorigenic and virally infected cells. TRAIL can bind to DR4 and DR5 receptors on target cells which facilitates recruitment of numerous signaling proteins to form a death-inducing signaling complex. This signaling complex is then believed to propagate the apoptotic signal through the recruitment and activation of caspase-8.

Numerous studies have identified TRAIL as a potent apoptotic factor in a variety of human cancer cell lines, but this cytokine does not appear to affect normal cell lines. Therefore, the selectivity and anti-tumorigenic properties of TRAIL make it an intriguing and potentially therapeutic agent in the treatment of cancer.

Applications

ELISA – Quality tested

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- Reagent is stable for the period shown on the label if stored as directed.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

TB11050

13-Jan-16

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA

Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768

Email: info@southernbiotech.com • Website: www.southernbiotech.com