

A10202

Leader in Biomolecular Solutions for Life Science



4-1BBL/CD137L Rabbit pAb

Catalog No.: A10202

Basic Information

Observed MW

Refer to figures

Calculated MW

27kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This transmembrane cytokine is a bidirectional signal transducer that acts as a ligand for TNFRSF9/4-1BB, which is a costimulatory receptor molecule in T lymphocytes. This cytokine and its receptor are involved in the antigen presentation process and in the generation of cytotoxic T cells. The receptor TNFRSF9/4-1BB is absent from resting T lymphocytes but rapidly expressed upon antigenic stimulation. The ligand encoded by this gene, TNFSF9/4-1BBL, has been shown to reactivate anergic T lymphocytes in addition to promoting T lymphocyte proliferation. This cytokine has also been shown to be required for the optimal CD8 responses in CD8 T cells. This cytokine is expressed in carcinoma cell lines, and is thought to be involved in T cell-tumor cell interaction.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

8744

Swiss Prot

P41273

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 55-254 of human 4-1BBL/CD137L (NP_003802.1).

Synonyms

CD137L; TNLG5A; 4-1BB-L; 4-1BBL/CD137L

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.