

TNFSF9 Recombinant antibody

Cat: B20001L
Company: HaoKebio
Uniprot ID: P41273

Applications:
WB: 1:1000

Organism: Rabbit

Species reactivity: Human

Molecular Weight Calculation: 27 kDa

Observed Molecular Weight: 27 kDa

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.

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Source of Reagents:

发表[中文论文]请标注:TNFSF9(B20001L)由杭州浩克生物技术有限公司提供;
发表[英文论文]请标注:TNFSF9(B20001L) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Protein full name:

tumor necrosis factor (ligand) superfamily, member 9

Synonyms:

TNFSF9, CD137L, 4-1BB ligand, 4 1BBL, 4 1BB ligand

Immunogen:

Recombinant protein

Isotype:

IgG

Purity: