

Datasheet for ABIN926741 **anti-TNFSF9 antibody (C-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	TNFSF9
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFSF9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	TNFSF9 antibody was raised in rabbit using the C terminal of TNFSF9 as the immunogen
Purification:	Purified

Target Details

Target:	TNFSF9
Alternative Name:	TNFSF9 (TNFSF9 Products)
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

Target Details

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. Synonyms: Polyclonal TNFSF9 antibody, Anti-TNFSF9 antibody, tumor necrosis factor, ligand superfamily, member 9 antibody, 4-1BB-L antibody, CD137L antibody.

Pathways: [Activated T Cell Proliferation, Cancer Immune Checkpoints](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Comment: TNFSF9 Blocking Peptide, catalog no. 33R-8932, is also available for use as a blocking control in assays to test for specificity of this TNFSF9 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized powder. Add 50 μ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. Western Blot showing TNFSF9 antibody used at a concentration of 1 ug/ml against HepG2 Cell Lysate