

Datasheet for ABIN1169256

**anti-TNFSF9 antibody (Extracellular Domain)**

2 Images

1 Publication

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## Overview

Quantity:	100 µg
Target:	TNFSF9
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant human CD137L extracellular domain.
Clone:	41B436
Isotype:	IgG1
Specificity:	Recognizes extracellular domain of human CD137L.
Cross-Reactivity:	Human
No Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	Does not cross-react with mouse CD137L.
Sterility:	0.2 µm filtered

## Target Details

Target:	TNFSF9
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## Target Details

Alternative Name: CD137L ([TNFSF9 Products](#))

Background: The CD137 ligand (CD137L, 4-1BBL) is a member of the tumor necrosis factor (TNF) family. CD137L is a type II, transmembrane protein found on activated macrophages, dendritic cells and mature B cells. The interaction with its receptor 4-1BB induces recruitment of TNF receptor-associated factor 1 (TRAF1) and TRAF2 and interaction with the kinase p56lck. CD137 and CD137L have been reported to be involved in tumor rejection, apoptosis, anti-viral immunity, diabetes, in T and B cell co-stimulation and modulation of the immune response.

UniProt: [P41273](#)

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

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

Preservative: Without preservative

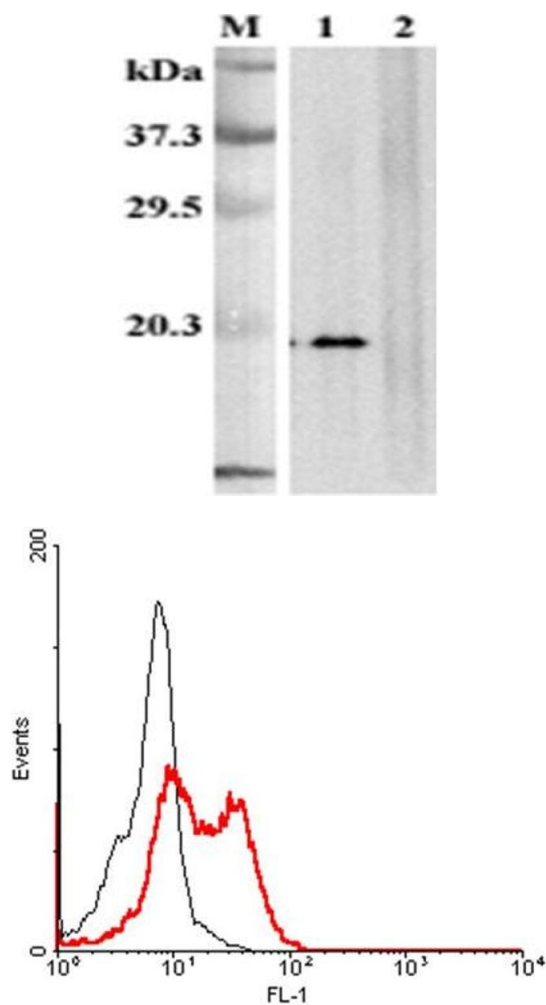
Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months

## Publications

Product cited in: Sobolik-Delmaire, Reddy, Pashaj, Roberts, Wahl: "Plakophilin-1 localizes to the nucleus and interacts with single-stranded DNA." in: **The Journal of investigative dermatology**, Vol. 130, Issue 11, pp. 2638-46, (2010) ([PubMed](#)).



### Western Blotting

**Image 1.** Western blot analysis of human CD137L using anti-CD137L (human), mAb (41B436) at 1:2,000 dilution. 1: Recombinant humanCD137L (FLAG<sup>®</sup>-tagged). 2: Recombinant mouse CD137L (FLAG<sup>®</sup>-tagged).

### Flow Cytometry

**Image 2.** FACS: Human CD137L-transfected HEK 293 cells were stained significantly using anti-CD137L (human), mAb (41B436). No binding was detected on empty vector transfected cells.