

For Research Use Only

# 4-1BBL/TNFSF9 Monoclonal antibody



Catalog Number: 66450-1-Ig

Featured Product

4 Publications

## Basic Information

<b>Catalog Number:</b> 66450-1-Ig	<b>GenBank Accession Number:</b> BC104805	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1400 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8744	<b>CloneNo.:</b> 1B4B1
<b>Source:</b> Mouse	<b>Full Name:</b> tumor necrosis factor (ligand) superfamily, member 9	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 254 aa, 27 kDa	
<b>Immunogen Catalog Number:</b> AG12768	<b>Observed MW:</b> 27 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Cited Applications:**  
IF, IHC, WB

**Species Specificity:**  
human

**Cited Species:**  
human

**Positive Controls:**

WB : Raji cells, Ramos cells, Daudi cells, K-562 cells

## Background Information

TNFSF9, also named as 4-1BBL, belongs to the tumor necrosis factor family. It is a cytokine that binds to TNFRSF9. TNFSF9 induces the proliferation of activated peripheral blood T-cells. It may have a role in activation-induced cell death (AICD) and may play a role in cognate interactions between T-cells and B-cells/macrophages.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jiao Wu	34517345	Aging (Albany NY)	WB,IHC
Jiao Wu	34906856	Int Immunopharmacol	WB,IF
Zhizhen Li	38206204	HepatoL Commun	WB

## Storage

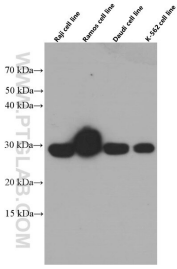
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Raji, Ramos, Daudi, and K-562 cells were subjected to SDS PAGE followed by western blot with 66450-1-Ig (TNFSF9 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.