

Rabbit anti-Mouse 4-1BBL/TNFSF9 Monoclonal Antibody | anti-TNFSF9 antibody

Recombinant Anti-4-1BBL/TNFSF9 Antibody (PE), Rabbit Monoclonal

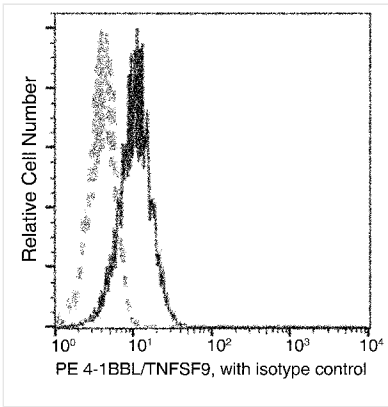
CATALOG # AAA257077	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

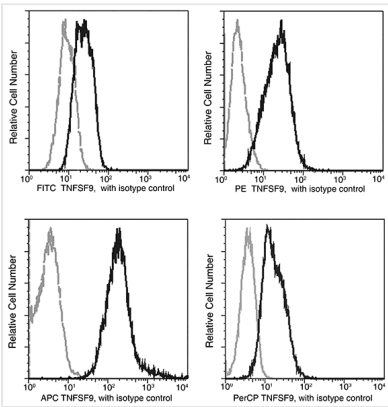
4-1BBL/TNFSF9; Monoclonal Antibody; Recombinant Anti-4-1BBL/TNFSF9 Antibody (PE); Rabbit Monoclonal; 4-1BBL/CD137L/TNFSF9 Antibody (PE); Rabbit MAb; tumor necrosis factor (ligand) superfamily, member 9; Anti-4-1BB-L Antibody; Anti-4-1BBL Antibody; Anti-AI848817 Antibody; Anti-Cd137I Antibody; Anti-Ly63I Antibody; anti-TNFSF9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	014
Specificity	Mouse 4-1BBL/CD137L/TNFSF9
Purity/Purification	Protein A
Form/Format	Liquid; Aqueous solution containing 0.5% BSA and 0.1% sodium azide
Concentration	10ul/Test, 0.1mg/ml (varies by lot)
Applicable Applications for anti-TNFSF9 antibody	FCM/FACS (Flow Cytometry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Mouse 4-1BBL/CD137L/TNFSF9 protein
Conjugation	PE
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse 4-1BBL/CD137L/TNFSF9 (rM 4-1BBL/CD137L/TNFSF9) and conjugated with PE under optimum conditions, the unreacted PE was removed.
Preparation and Storage	This antibody can be stored at 2-8 degree C for twelve months without detectable loss of activity. Protected from prolonged exposure to light. Do not freeze! Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Mouse 4-1BBL(TNFSF9) expression on RAW264.7 cells. Cells were stained with PE-conjugated anti-Mouse 4-1BBL(TNFSF9). The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



Application Data
Profile of anti-TNFSF9 reactivity on Raw264.7 cells analyzed by flow cytometry. Cells should be Fc-blocked by treatment with Mouse BD Fc Block' purified anti-CD16/CD32 mAb 2.4G2 prior to staining, washed, then stained with PE Rabbit anti-TNFSF9.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFSF9 antibody	4-1BB ligand is the high affinity ligand of 4-1BB, also known as CD137L or TNFSF9. It is shown to be a type II surface glycoprotein belonging to the TNF superfamily. Expression of 4-1BBL is restricted to APCs, such as dendritic cells, macrophages, and activated B cells. Members of the TNF-TNF receptor superfamily have been shown to play critical roles in regulating cellular activation, differentiation and apoptosis. Several studies have reported that 4-1BBL/4-1BB interaction provided a co-stimulatory signal to T cells, and increased T cell proliferation and cytokines production. In addition, 4-1BBL is involved in cancers, infectious diseases and autoimmune diseases.
Product Categories/Family for anti-TNFSF9 antibody	Cancer Drug Targets
References	Cheung CT, (2007) Neutralizing anti-4-1BBL treatment improves cardiac function in viral myocarditis. Lab Invest. 87(7): 651-61.Wang C, et al. (2009) Immune regulation by 4-1BB and 4-1BBL: complexities and challenges. Immunol Rev. 229(1): 192-215.Habib-Agahi M, et al. (2009) 4-1BBL costimulation retrieves CD28 expression in activated T cells. Cell Immunol. 256(1-2): 39-46.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678389
NCBI GeneID	21950
NCBI Accession #	NP_033430.1
NCBI GenBank Nucleotide #	NM_009404.3
UniProt Accession #	P41274
Molecular Weight	33,853 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 9
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 9
NCBI Official Symbol	Tnfsf9
NCBI Official Synonym Symbols	Ly63l; 4-1BBL; Cd137l; 4-1BB-L; AI848817
NCBI Protein Information	tumor necrosis factor ligand superfamily member 9; 4-1BB ligand
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 9
UniProt Gene Name	Tnfsf9

UniProt Synonym Gene Names	Cd137l; Cd157l; Ly63l; 4-1BBL
UniProt Entry Name	TNFL9_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/4-1bbl-tnfsf9-antibody-clone-014-flow-cytometry-elisa/257077>