

4-1BBL/CD137L/TNFSF9 recombinant antibody

Rabbit anti-4-1BBL/CD137L/TNFSF9 Recombinant Monoclonal Antibody [BLR148J]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213607	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot

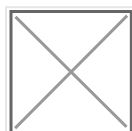
PRODUCT SYNONYMS

4-1BBL/CD137L/TNFSF9; Monoclonal Recombinant Antibody; Rabbit anti-4-1BBL/CD137L/TNFSF9 Recombinant Monoclonal Antibody [BLR148J]; homolog of mouse 4-1BB-L; tumor necrosis factor superfamily member 9; tumor necrosis factor ligand superfamily member 9; tumor necrosis factor ligand 5A; tumor necrosis factor (ligand) superfamily; member 9; receptor 4-1BB ligand; CD137L; 4-1BB-L; 4-1BBL; 4-1BB ligand; TNLG5A; Tumor necrosis factor ligand superfamily member 9; TNF superfamily member 9; 4-1BBL/CD137L/TNFSF9 recombinant antibody

PRODUCT SPECIFICATIONS

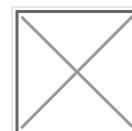
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR148J
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for 4-1BBL/CD137L/TNFSF9 recombinant antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Residues 71-254 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human 4-1BBL/CD137L/TNFSF9 by western blot. Samples: Whole cell lysate (25 ug) from HEK293T, Jurkat, Raji, NCI-H460, and HeLa cells prepared using NETN lysis buffer. Antibody: Rabbit anti-4-1BBL/CD137L/TNFSF9 recombinant monoclonal antibody (AAA213607 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-COPB2 antibody .



FCM/FACS (Flow Cytometry)

Detection of human CD137L (shaded) in Daudi cells by flow cytometry. Antibody: Rabbit anti-4-1BBL/CD137L/TNFSF9 recombinant monoclonal (AAA213607) or isotype control (unshaded). Secondary: DyLight 488-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for 4-1BBL/CD137L/TNFSF9 recombinant antibody	4-1BBL (aka CD137L or TNFSF9) 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. 4-1BBL and its receptor are involved in the antigen presentation process and in the generation of cytotoxic T cells; they are also involved in promoting T lymphocyte proliferation. 4-1BBL has been shown to be required for the optimal CD8 responses in CD8 T cells. 4-1BBL is expressed in carcinoma cell lines, and is thought to be involved in T cell-tumor cell interaction. [taken from NCBI Entrez Gene (Gene ID: 8744)].
Product Categories/Family for 4-1BBL/CD137L/TNFSF9 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507609
NCBI GeneID	8744
NCBI Accession #	NP_003802.1
NCBI GenBank Nucleotide #	NM_003811.3
UniProt Accession #	P41273; Q2M3S2
Molecular Weight	26,625 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	CD137L; 4-1BB-L
NCBI Protein Information	tumor necrosis factor ligand superfamily member 9; 4-1BBL; 4-1BB ligand; receptor 4-1BB ligand; homolog of mouse 4-1BB-L
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 9
UniProt Gene Name	TNFSF9
UniProt Synonym Gene Names	4-1BBL
UniProt Entry Name	TNFL9_HUMAN

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/4-1bbi-cd137l-tnfsf9-recombinant-antibody-clone-blr148j-flow-cytometry-western-blot-elisa/213607>