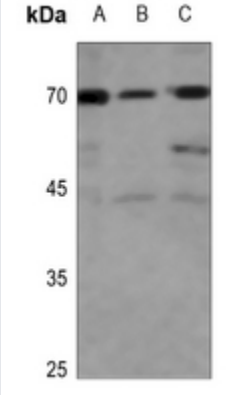
CD137L Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD137L, Polyclonal Antibody
Full Product Name	Anti-CD137L Antibody
Product Gene Name	anti-CD137L antibody
Product Synonym Gene Name	TNFSF9
Product Synonym Names	Tumor necrosis factor ligand superfamily member 9; 4-1BB ligand; 4-1BBL
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	26,625 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (6531010..6535939). Location: 19p13.3
OMIM	606182
3D Structure	ModBase 3D Structure for P41273
Applications Tested/Suitable for anti-CD137L antibody	Western Blot (WB)
Related Product Information for anti-CD137L antibody	Rabbit polyclonal antibody to CD137L KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD137L. The exact sequence is proprietary.
Other Notes	Small volumes of anti-CD137L antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD137L purchase	MBS9239643 is an antibody targeting CD137L. Reactive in Human, Mouse, Rat. Host: Rabbit.



Wester Blot (WB) of anti-CD137L antibody
Dilution: WB (1/500 - 1/1000)Western blot analysis of CD137L expression in HEK293T (A), H1688 (B), A549 (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD137L. It may not necessarily be applicable to this product.

NCBI GI #	4507609
NCBI GeneID	8744
NCBI Accession #	NP_003802.1
UniProt Primary Accession #	P41273
UniProt Secondary Accession #	Q2M3S2
UniProt Related Accession #	P41273
GenBank Nucleotide #	NM_003811.3
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
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 9
UniProt Synonym Protein Names	4-1BB ligand
UniProt Gene Name	TNFSF9
UniProt Synonym Gene Names	4-1BBL
UniProt Entry Name	TNFL9_HUMAN
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
NCBI Summary for CD137L	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 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.[provided by RefSeq, Oct 2008]
UniProt Comments for CD137L	TNFL9: Cytokine that binds to TNFRSF9. Induces the proliferation of activated peripheral blood T-cells. May have a role in activation-induced cell death (AICD). May play a role in cognate interactions between T-cells and B-cells/macrophages. Belongs to the tumor necrosis factor family. Protein type: Cell cycle regulation; Membrane protein, integral; Cytokine; Apoptosis Chromosomal Location of Human Ortholog: 19p13.3 Cellular Component: extracellular space; plasma membrane; integral to membrane Molecular Function: cytokine activity; tumor necrosis factor receptor binding; receptor binding Biological Process: cell proliferation; positive regulation of interferon-gamma production; positive regulation of cytotoxic T cell differentiation; cell-cell signaling; apoptosis; positive regulation of interleukin-12 production; positive regulation of interleukin-6 production; immune response; myeloid dendritic cell differentiation; signal transduction; positive regulation of activated T cell proliferation
Research Articles on CD137L	**1.** CD137L is a novel diagnostic marker of subtypes of non-Hodgkin B-cell lymphomas.

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