



CD137L rabbit pAb

Cat No.:ES1894

For research use only

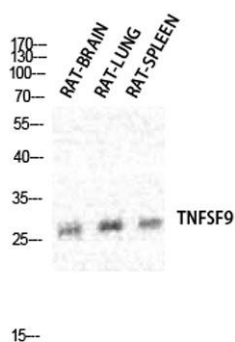
Overview

Product Name	CD137L rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TNFSF9. AA range:31-80
Specificity	CD137L Polyclonal Antibody detects endogenous levels of CD137L protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tumor necrosis factor ligand superfamily member 9
Gene Name	TNFSF9
Cellular localization	Membrane; Single-pass type II membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	23kD
Human Gene ID	8744
Human Swiss-Prot Number	P41273
Alternative Names	TNFSF9; Tumor necrosis factor ligand superfamily member 9; 4-1BB ligand; 4-1BBL
Background	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 b



Western Blot analysis of various cells using CD137L Polyclonal Antibody diluted at 1:1000

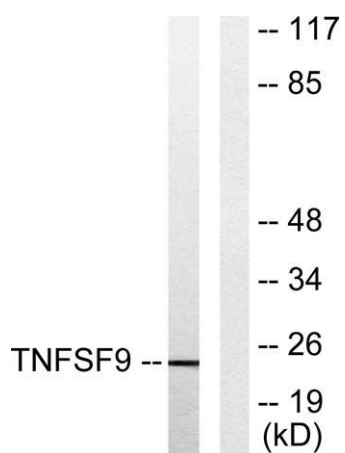
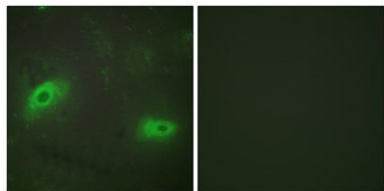
Western Blot analysis of HuvEc cells using CD137L Polyclonal Antibody diluted at 1:1000





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Immunofluorescence analysis of HeLa cells, using TNFSF9 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using TNFSF9 Antibody. The lane on the right is blocked with the synthesized peptide.



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