



Rabbit Anti-TNFSF9/CD137L antibody

SL3851R

Product Name:	TNFSF9/CD137L
Chinese Name:	Tumour坏死因子配体超家族成员9抗体
Alias:	4 1BB L; 4 1BB ligand; 4 1BBL; Cd137l; Cd157l; homolog of mouse 4 1BB L; homolog of mouse 4 1BBL; ILA ligand (TNF related); Ly63l; receptor 4 1BB ligand; Tumor necrosis factor (ligand) superfamily member 9; TNFL9 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	25-27kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TNFSF9:101-200/254<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This cytokine belongs to the tumour necrosis factor (TNF) ligand family. It is a ligand for TNFRSF9, which is a costimulatory molecule in T lymphocytes. This cytokine and its receptor are involved in the antigen presentation process, and in the generation of cytotoxic T cells. This cytokine is also shown to be required for the optimal CD8

responses in CD8 T cells. This cytokine is found to be expressed in various carcinoma cell lines, and is thought to be involved in T cell-tumour cell interaction.

Function:

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.

Subunit:

Homotrimer.

Subcellular Location:

Membrane; Single-pass type II membrane protein.

Tissue Specificity:

Expressed in brain, placenta, lung, skeletal muscle and kidney.

Similarity:

Belongs to the tumor necrosis factor family.

SWISS:

P41273

Gene ID:

8744

Database links:

[Entrez Gene: 8744](#)Human

[Omim: 606182](#)Human

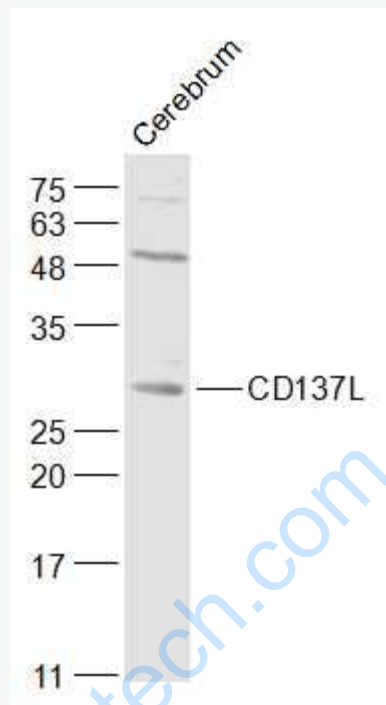
[SwissProt: P41273](#)Human

[Unigene: 1524](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

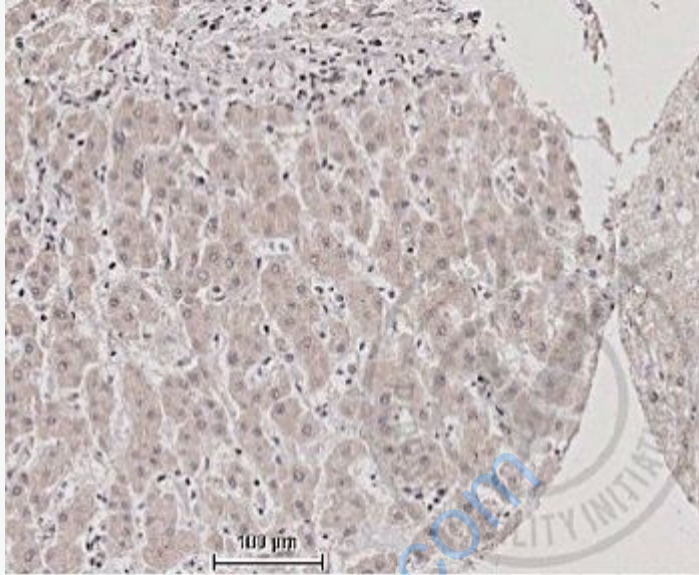
Cerebrum (Rat) Lysate at 40 ug

Primary: Anti-CD137L(SL3851R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 25-27 kD

Observed band size: 27 kD



Independently Validated Antibody, image provided by Science Direct, badge number 029578:Formalin-fixed and paraffin embedded human liver labeled with Anti-TNFSF9/CD137L Polyclonal Antibody, Unconjugated (SL3851R) at 1:200 followed by conjugation to the secondary antibody and DAB staining