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TNFSF9 Rabbit pAb

Catalog # AP97960

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P41273
Other Accession	P41273
Reactivity	Rat, Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26625
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TNFSF9
Epitope Specificity	101-200/254
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the tumor necrosis factor family.
SUBUNIT	Homotrimer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	8744
Other Names	4-1BB-L; CD137L; TNLG5A; TNFL9_HUMAN; TNFSF9; 4-1BB ligand (4-1BBL); TNF superfamily member 9; tumor necrosis factor (ligand) superfamily, member 9; receptor 4-1BB ligand; homolog of mouse 4-1BB-L; CD137 ligand
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	TNFSF9
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.
Cellular Location	Membrane; Single-pass type II membrane protein.
Tissue Location	Expressed in brain, placenta, lung, skeletal muscle and kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.