

Product Name: LIGHT Rabbit Polyclonal Antibody
Catalog #: APRab13305



Summary

Production Name	LIGHT Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TNFSF14 TNFSF14; HVEM; LIGHT; Tumor necrosis factor ligand superfamily member 14; Herpes virus entry mediator ligand; HVEM-L; Herpesvirus entry mediator ligand; CD antigen CD258
Alternative Names	
Gene ID	8740.0
SwissProt ID	O43557.The antiserum was produced against synthesized peptide derived from human TNF14. AA range:51-100

Application

Dilution Ratio	IF 1:200-1:1000
Molecular Weight	

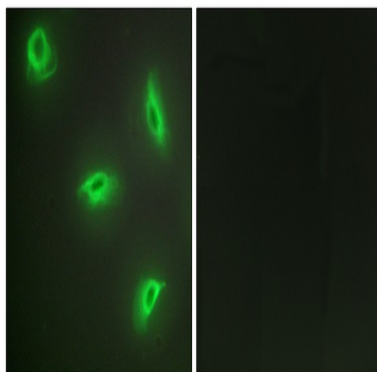
Background

The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008],function:Cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B modulates its effects. Activates NFkB, stimulates the proliferation of T-cells, and inhibits growth of the adenocarcinoma HT-29. Acts as a receptor for Herpes simplex virus.,induction:Up-regulated after T-cell activation.,PTM:N-glycosylated.,PTM:The soluble form of isoform 1 derives from the membrane form by proteolytic processing.,similarity:Belongs to the tumor necrosis factor family.,subunit:Homotrimer.,tissue specificity:Predominantly expressed in the spleen but also found in the brain. Weakly expressed in peripheral lymphoid tissues and in heart, placenta, liver, lung, appendix, and kidney, and no expression seen in fetal tissues, endocrine glands, or nonhematopoietic tumor lines.,

Research Area

Cytokine-cytokine receptor interaction;

Image Data



Immunofluorescence analysis of HeLa cells, using TNF14 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.