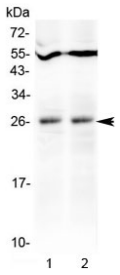
Tnfsf14 Antibody / Light (R32945)

Catalog No.	Formulation	Size
R32945	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q9QYH9
Applications	Western Blot: 0.5-1ug/ml Direct ELISA (recombinant mouse protein): 0.1-0.5ug/ml (BSA-free format available)
Limitations	This Tnfsf14 antibody is available for research use only.



Western blot testing of mouse 1) spleen and 2) heart tissue lysate with Tnfsf14 antibody at 0.5ug/ml. Predicted molecular weight ~26 kDa.

Description

Tumor necrosis factor ligand superfamily member 14 is a protein that in humans is encoded by the TNFSF14 gene. TNFSF14 has also been designated as CD258, as well as LIGHT. It was mapped on chromosome 19p13.3. The protein encoded by this gene is a member of the tumor necrosis factor(TNF) ligand family. This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. It 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.

Application Notes

Optimal dilution of the Tnfsf14 antibody should be determined by the researcher.

Immunogen

A recombinant mouse protein corresponding to amino acids L59-V239 was used as the immunogen for the Tnfsf14 antibody.

Storage

After reconstitution, the Tnfsf14 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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