

Datasheet for ABIN500998
anti-HVEM antibody (C-Term)



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2 Images

Overview

Quantity:	0.1 mg
Target:	HVEM (TNFRSF14)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HVEM antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	TNFRSF14 antibody was raised against a 16 amino acid peptide from near the carboxy terminus of human TNFRSF14.
Isotype:	IgG
Specificity:	This antibody detects TNFRSF14 / HVEM at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Peptide affinity chromatography

Target Details

Target:	HVEM (TNFRSF14)
Alternative Name:	TNFRSF14 / HVEM (TNFRSF14 Products)

Target Details

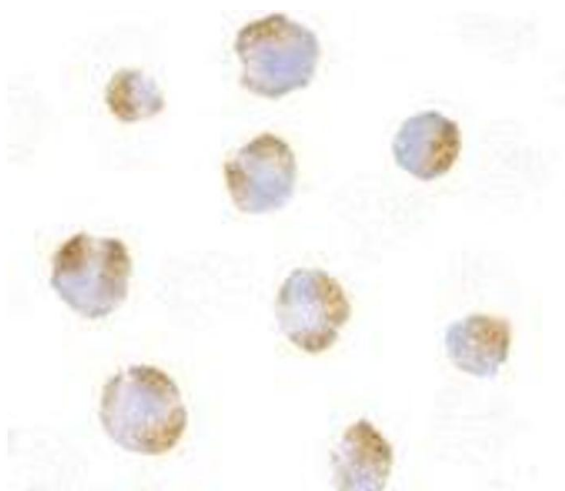
Target Type:	Viral Protein
Background:	Tumor necrosis factor receptor (TNFR) superfamily members are defined by cysteine-rich domains in their extracellular regions that bind TNF-related ligands that share a common structural homology in their extracellular domain. TNFRSF14 was initially identified as the Herpesvirus entry mediator and upon binding to the herpes simplex virus (HSV) envelope glycoprotein D or either of its natural ligands LIGHT and lymphotoxin alpha (LT), activates the transcription factors NF-kappaB and AP-1. Activation of this signal transduction pathway in T cells stimulates T cell proliferation and cytokine production, leading to inflammation and enhanced CTL-mediated tumor immunity, suggesting that these proteins may be useful as potential targets for controlling cellular immune responses.Synonyms: HVEA, Herpesvirus entry mediator A, TR2, Tumor necrosis factor receptor superfamily member 14, Tumor necrosis factor receptor-like 2
Gene ID:	8764
UniProt:	Q92956
Pathways:	Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

Application Details

Application Notes:	ELISA. Western blot: 1 - 2 µg/mL. Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

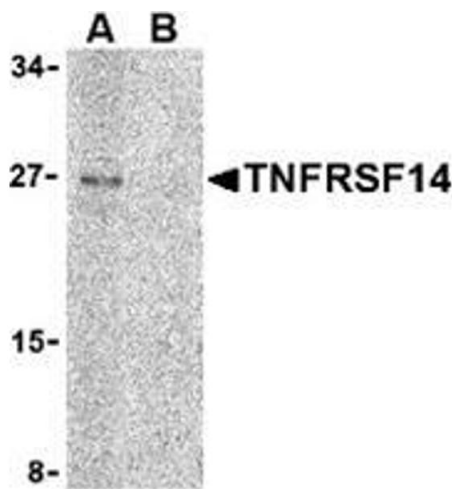
Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1. Immunocytochemistry of TNFRSF14 in Raji with this product at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of TNFRSF14 in Raji cell lysate with this product at 2 µg/ml in (A) the absence and (B) the presence of blocking peptide.