Datasheet for ABIN4886749

anti-HVEM antibody (AA 39-202)

1 Image

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Overview

Quantity:	100 µg
Target:	HVEM (TNFRSF14)
Binding Specificity:	AA 39-202
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HVEM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-TNFRSF14 Antibody Picoband®
Immunogen:	E. coli-derived human TNFRSF14/HVEM recombinant protein (Position: L39-V202).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TNFRSF14 Antibody Picoband® (ABIN4886749). Tested in ELISA, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	HVEM (TNFRSF14)
Alternative Name:	TNFRSF14 (TNFRSF14 Products)
Background:	Synonyms: Tumor necrosis factor receptor superfamily member 14,Herpes virus entry mediator A,Herpesvirus entry mediator A,HveA,Tumor necrosis factor receptor-like 2,TR2,CD270,TNFRSF14,HVEA, HVEM,UNQ329/PRO509, Tissue Specificity: Widely expressed, with the highest expression in lung, spleen and thymus. Background: Herpesvirus entry mediator (HVEM), also known as tumor necrosis factor receptor superfamily member 14 (TNFRSF14), is a human cell surface receptor of the TNF-receptor superfamily. The encoded protein functions in signal transduction pathways that activate inflammatory and inhibitory T-cell immune response. It binds herpes simplex virus (HSV) viral envelope glycoprotein D (gD), mediating its entry into cells. Alternative splicing results in multiple transcript variants.
Molecular Weight:	37 kDa
Gene ID:	8764
UniProt:	Q92956
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

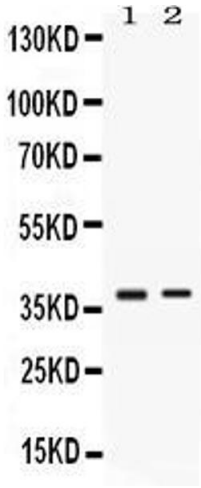
Application Details

Application Notes:	ELISA, 0.1-0.5 µg/mL, - Western blot, 0.1-0.5 µg/mL, Human 1. Kwon BS, Tan KB, Ni J, Oh KO, Lee ZH, Kim KK, Kim YJ, Wang S, Gentz R, Yu GL, Harrop J, Lyn SD, Silverman C, Porter TG, Truneh A, Young PR (June 1997). "A newly identified member of the tumor necrosis factor receptor superfamily with a wide tissue distribution and involvement in lymphocyte activation". J Biol Chem 272 (22): 14272-6. 2. Montgomery RI, Warner MS, Lum BJ, Spear PG (Dec 1996). "Herpes simplex virus-1 entry into cells mediated by a novel member of the TNF/NGF receptor family". Cell 87 (3): 427-36. 3. Ware, Carl (2008). "Chapter 25: TNF-Related Cytokines in Immunity". In Paul, William. Fundamental Immunology (Book) (6th ed.). Philadelphia: Lippincott Williams & Wilkins. pp. 776-801.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg 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 -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of TNFRSF14/HVEM expression in HELA whole cell lysates (Lane 1) and SW620 whole cell lysates (Lane 2). TNFRSF14/HVEM at 37KD was detected using rabbit anti- TNFRSF14/HVEM Antigen Affinity purified polyclonal antibody (Catalog #) at 0.5 ??g/mL. The blot was developed using chemiluminescence (ECL) method (Catalog # EK1002).