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Datasheet for ABIN955275

anti-HVEM antibody (Middle Region)

3 Images

Overview

Quantity:	0.4 mL
Target:	HVEM (TNFRSF14)
Binding Specificity:	AA 216-245, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HVEM antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 216~245 amino acids from the Center region of human TNFRSF14
Isotype:	Ig Fraction
Specificity:	This antibody detects TNFRSF14 / HVEM (Center).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	HVEM (TNFRSF14)
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Target Details

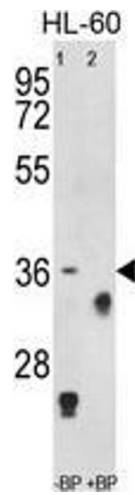
Alternative Name:	TNFRSF14 / HVEM (TNFRSF14 Products)
Target Type:	Viral Protein
Background:	TNFRSF14 is a member of the TNF-receptor superfamily. This receptor was identified as a cellular mediator of herpes simplex virus (HSV) entry. Binding of HSV viral envelope glycoprotein D (gD) to this receptor protein has been shown to be part of the viral entry mechanism. The cytoplasmic region of this receptor was found to bind to several TRAF family members, which may mediate the signal transduction pathways that activate the immune response. Synonyms: HVEA, Herpesvirus entry mediator A, TR2, Tumor necrosis factor receptor superfamily member 14, Tumor necrosis factor receptor-like 2
Gene ID:	8764
NCBI Accession:	NP_003811
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

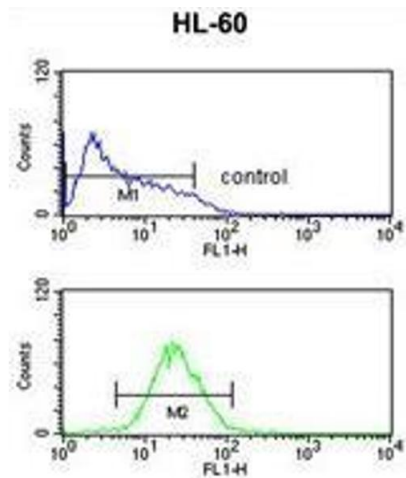
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) 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 six months or (in aliquots) at -20 °C for longer.



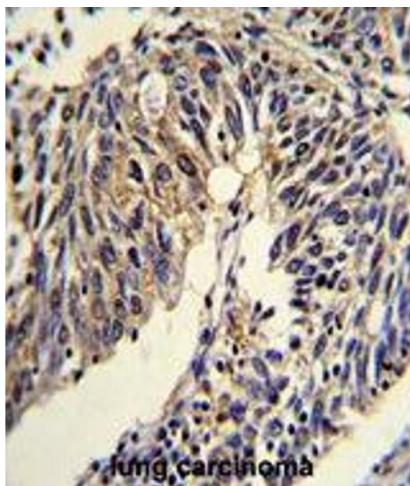
Western Blotting

Image 1. Western blot analysis of anti-TNFRSF14 Antibody (Center) Pab pre-incubated without (lane 1) and with (lane 2) blocking peptide in HL-60 cell line lysate. TNFRSF14 (arrow) was detected using the purified Pab (1:250 dilution).



Flow Cytometry

Image 2. TNFRSF14 Antibody (Center) flow cytometric analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human lung carcinoma reacted with TNFRSF14 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.