

Anti-TNFRSF14 / CD270 / HVEM Antibody (aa240-251)
Goat Anti Human Polyclonal Antibody
Catalog # ALS17910**Specification****Anti-TNFRSF14 / CD270 / HVEM Antibody (aa240-251) - Product Information**

Application	WB, IHC-P, E
Primary Accession	O92956
Predicted	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	30392

Anti-TNFRSF14 / CD270 / HVEM Antibody (aa240-251) - Additional Information**Gene ID** 8764**Alias Symbol** TNFRSF14
Other Names

TNFRSF14, CD270, CD270 antigen, CD40-like protein, Herpesvirus entry mediator, Herpesvirus entry mediator A, HVEM, LIGHTR, Herpes virus entry mediator A, TR2, ATAR, HVEA

Target/Specificity
Human TNFRSF14.**Reconstitution & Storage**
Immunoaffinity purified**Precautions**

Anti-TNFRSF14 / CD270 / HVEM Antibody (aa240-251) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-TNFRSF14 / CD270 / HVEM Antibody (aa240-251) - Protein Information**Name** TNFRSF14 ([HGNC:11912](#))**Function**

Receptor for four distinct ligands: The TNF superfamily members TNFSF14/LIGHT and homotrimeric LTA/lymphotoxin-alpha and the immunoglobulin superfamily members BTLA and CD160, altogether defining a complex stimulatory and inhibitory signaling network (PubMed:[10754304](http://www.uniprot.org/citations/10754304), PubMed:[18193050](http://www.uniprot.org/citations/18193050), PubMed:[23761635](http://www.uniprot.org/citations/23761635), PubMed:[9462508](http://www.uniprot.org/citations/9462508)). Signals via the TRAF2-TRAF3 E3 ligase pathway to promote immune cell survival and differentiation (PubMed:[19915044](http://www.uniprot.org/citations/19915044), PubMed:[9153189](http://www.uniprot.org/citations/9153189), PubMed:[9162022](http://www.uniprot.org/citations/9162022)). Participates in

bidirectional cell-cell contact signaling between antigen presenting cells and lymphocytes. In response to ligation of TNFSF14/LIGHT, delivers costimulatory signals to T cells, promoting cell proliferation and effector functions (PubMed:10754304). Interacts with CD160 on NK cells, enhancing IFNG production and anti-tumor immune response (PubMed:23761635). In the context of bacterial infection, acts as a signaling receptor on epithelial cells for CD160 from intraepithelial lymphocytes, triggering the production of antimicrobial proteins and pro-inflammatory cytokines (By similarity). Upon binding to CD160 on activated CD4+ T cells, down- regulates CD28 costimulatory signaling, restricting memory and alloantigen-specific immune response (PubMed:18193050). May interact in cis (on the same cell) or in trans (on other cells) with BTLA (By similarity) (PubMed:19915044). In cis interactions, appears to play an immune regulatory role inhibiting in trans interactions in naive T cells to maintain a resting state. In trans interactions, can predominate during adaptive immune response to provide survival signals to effector T cells (By similarity) (PubMed:19915044).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Widely expressed, with the highest expression in lung, spleen and thymus. Expressed in a subpopulation of B cells and monocytes (PubMed:18193050). Expressed in naive T cells (PubMed:19915044).

Anti-TNFRSF14 / CD270 / HVEM Antibody (aa240-251) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TNFRSF14 / CD270 / HVEM Antibody (aa240-251) - Images