

For Research Use Only

# HVEM/TNFRSF14 Polyclonal antibody



Catalog Number: 10138-1-AP

4 Publications

## Basic Information

<b>Catalog Number:</b> 10138-1-AP	<b>GenBank Accession Number:</b> BC002794	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8764	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 30 kDa	
<b>Immunogen Catalog Number:</b> AG0186		

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human spleen tissue,
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human, mouse	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

The mammalian tumor necrosis factor receptor (TNFR) family consists of 10 cell-surface proteins that regulate development and homeostasis of the immune system. Member 14 of TNFR (TNFRSF 14, also named as TR2, ATAR, HVEA, HVEM, LIGHTR) was also identified as a mediator of herpesvirus entry into mammalian cells. The cytoplasmic region of TNFRSF 14 bound to several members of the TNFR-associated factor (TRAF) family, namely TRAF 1, TRAF 2, TRAF 3, and TRAF 5. Transient transfection into human 293 cells caused marked activation of nuclear factor- B (NF- B), a transcriptional regulator of multiple immunomodulatory and inflammatory genes.

## Notable Publications

Author	Pubmed ID	Journal	Application
Judit Bassols	19680232	Obesity (Silver Spring)	WB
Lin Xia	33875483	Cancer Immunol Res	WB
Ming-Zhi Han	30987862	EBioMedicine	IHC

## Storage

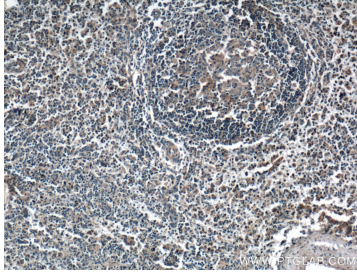
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

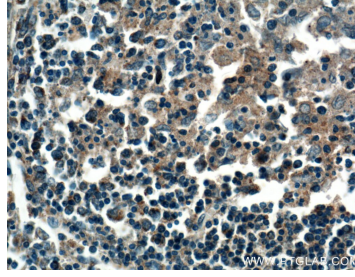
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 10138-1-AP (HVEM/TNFRSF14 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 10138-1-AP (HVEM/TNFRSF14 antibody) at dilution of 1:200 (under 40x lens).