

For Research Use Only

HVEM/TNFRSF14 Polyclonal antibody



Catalog Number: 10138-1-AP **4 Publications**

Basic Information

Catalog Number: 10138-1-AP	GenBank Accession Number: BC002794	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 8764	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q92956	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)	
Immunogen Catalog Number: AG0186	Calculated MW: 30 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human spleen tissue,
Cited Applications: IHC, WB	
Species Specificity: human	
Cited Species: 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 (TNFRSF14, also named as TR2, ATAR, HVEA, HVEM, LIGHTR) was also identified as a mediator of herpesvirus entry into mammalian cells. The cytoplasmic region of TNFRSF14 bound to several members of the TNFR-associated factor (TRAF) family, namely TRAF1, TRAF2, TRAF3, and TRAF5. Transient transfection into human 293 cells caused marked activation of nuclear factor- κ B (NF- κ 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

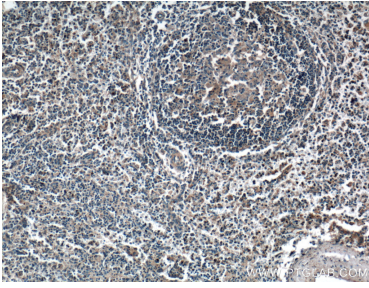
Storage

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

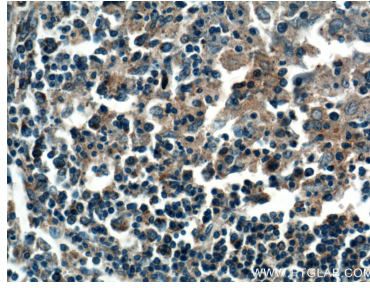
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Selected Validation Data



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).