

For Research Use Only

# HVEM/TNFRSF14 Recombinant monoclonal antibody, PBS Only

Catalog Number: 81078-6-PBS



## Basic Information

Catalog Number:	81078-6-PBS	GenBank Accession Number:	BC002794	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	8764	CloneNo.:	250728B12
Source:	Rabbit	UNIPROT ID:	Q92956		
Isotype:	IgG	Full Name:	tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)		
Immunogen Catalog Number:	EG1275	Calculated MW:	30 kDa		
		Observed MW:	40 kDa		

## Applications

Tested Applications:  
WB, IHC, Indirect ELISA

Species Specificity:  
human

## 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, HVEM, 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- B (NF- B), a transcriptional regulator of multiple immunomodulatory and inflammatory genes.

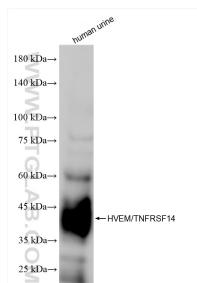
## Storage

Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

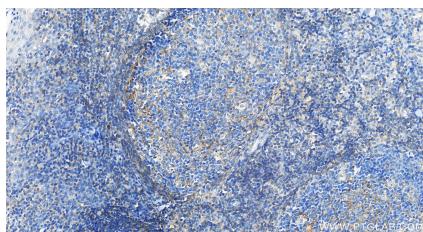
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com      W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

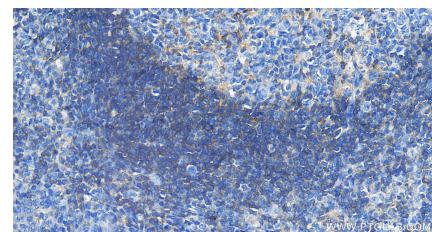
## Selected Validation Data



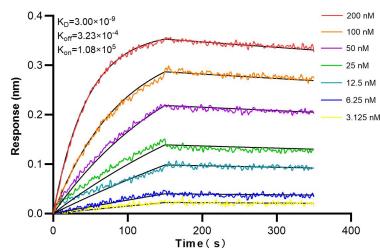
human urine sample was subjected to SDS PAGE followed by western blot with 81078-6-RR (HVEM/TNFRSF14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81078-6-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 81078-6-RR (HVEM/TNFRSF14 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 81078-6-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 81078-6-RR (HVEM/TNFRSF14 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 81078-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 81078-6-RR against Human HVEM/TNFRSF14 were performed. The affinity constant is 3.00 nM.