

For Research Use Only

# HVEM/TNFRSF14 Recombinant monoclonal antibody, PBS Only

Catalog Number: 81078-6-PBS



## Basic Information

### Catalog Number:

81078-6-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

EG1275

### GenBank Accession Number:

BC002794

### GeneID (NCBI):

8764

### UNIPROT ID:

Q92956

### Full Name:

tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)

### Calculated MW:

30 kDa

### Observed MW:

40 kDa

### Purification Method:

Protein A purification

### CloneNo.:

250728B12

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

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS only, pH7.3

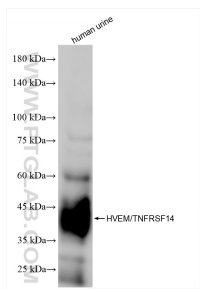
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

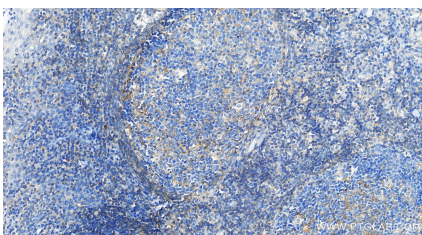
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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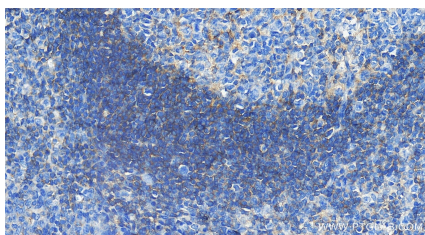
Selected Validation Data



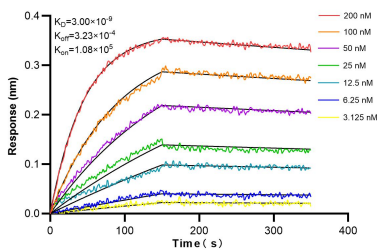
human urine sample was subjected to SDS PAGE followed by western blot with 81078-6-RR (HVEM/TNFRSF14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81078-6-PBS in a different storage buffer formulation.



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.