

For Research Use Only

# TNFSF15 Recombinant monoclonal antibody, PBS Only

Catalog Number: 83700-3-PBS



## Basic Information

Catalog Number:

83700-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG32092

GenBank Accession Number:

BC074941

GeneID (NCBI):

9966

UNIPROT ID:

O95150

Full Name:

tumor necrosis factor (ligand)  
superfamily, member 15

Calculated MW:

28 kDa

Observed MW:

28 kDa

Purification Method:

Protein A purification

CloneNo.:

251018A11

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Tumor necrosis factor ligand superfamily member 15 (TNFSF15) is also named as TL1 and VEGI. And it belongs to the tumor necrosis factor family. It is a receptor for TNFRSF25 and TNFRSF6B. VEGI induced degradation of I $\kappa$ B $\alpha$ , and nuclear translocation of p65 subunit of NF $\kappa$ B by activating NF $\kappa$ B (PMID: 10597252). TL1A mediates activation and apoptosis of NF $\kappa$ B in DR3-expressing cell lines (PMID: 11911831). Overexpression by cancer cells of a secretable VEGI fusion protein resulted in abrogation of xenograft tumor progression. The isoforms show endothelial cell-specific expression and are generated from a 17 kb human gene by alternative splicing (PMID: 11923219). In addition, VEGI can inhibit vascular endothelial growth and angiogenesis (in vitro) (PMID: 9872942).

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

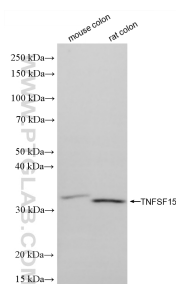
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

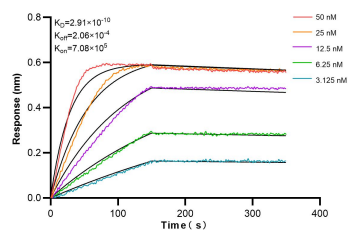
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83700-3-RR (TNFSF15 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83700-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83700-3-RR against Human TNFSF15 were performed. The affinity constant is 0.291 nM.