

For Research Use Only

TNFSF15 Recombinant monoclonal antibody

Catalog Number: 83700-3-RR



Basic Information

Catalog Number:

83700-3-RR

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

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse colon tissue, rat colon tissue

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 κ B α , and nuclear translocation of p65 subunit of NF κ B by activating NF κ B (PMID: 10597252). TL1A mediates activation and apoptosis of NF κ B in DR3-expressing cell lines (PMID: 11911831). Overexpression by cancer cells of a secreted 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

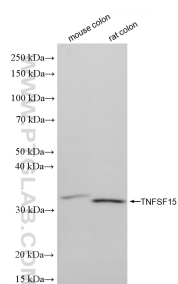
T: 4006900926

E: Proteintech-CN@ptglab.com

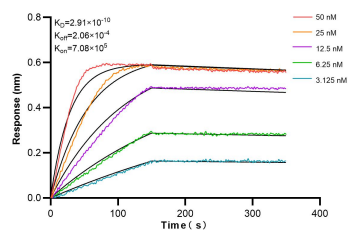
W: ptgcn.com

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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.



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