

For Research Use Only

TNFSF15 Recombinant monoclonal antibody, PBS Only

Catalog Number: 83700-3-PBS



Basic Information

Catalog Number:

83700-3-PBS

Size:

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

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 κ B alpha, 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 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.

Storage Buffer:

PBS only, pH7.3

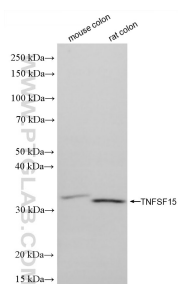
For technical support and original validation data for this product please contact:

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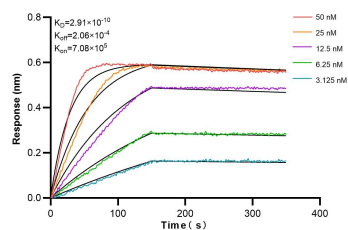
E: proteintech@ptglab.com
W: ptglab.com

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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.