

For Research Use Only

Anti-Human TNFSF12 Rabbit Recombinant Antibody

Catalog Number: 98582-1-RR



Basic Information

Catalog Number:

98582-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2870

GenBank Accession Number:

NM_003809.2

GeneID (NCBI):

8742

UNIPROT ID:

O43508-1

Full Name:

tumor necrosis factor (ligand) superfamily, member 12

Calculated MW:

27 kDa

Purification Method:

Protein A purification

CloneNo.:

250734G8

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : Transfected CHO,

Background Information

TNFSF12, also known as TWEAK (TNF-like weak inducer of apoptosis), is a member of the tumor necrosis factor ligand superfamily. It functions as a cytokine by binding to its primary receptor, Fn14 (TNFRSF12A), and plays diverse roles in immune regulation, angiogenesis, tissue repair, and inflammation (PMID: 39905000). TNFSF12 is upregulated in multiple solid tumors and promotes cancer cell proliferation, invasion, migration, and epithelial-mesenchymal transition (EMT) (PMID: 28639899).

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

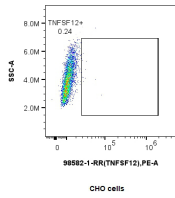
T: 4006900926

E: Proteintech-CN@ptglab.com

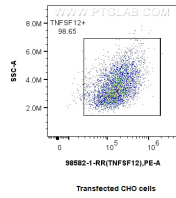
W: ptgcn.com

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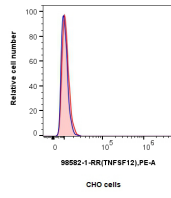
Selected Validation Data



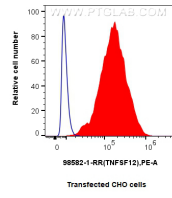
CHO cells



Transfected CHO cells



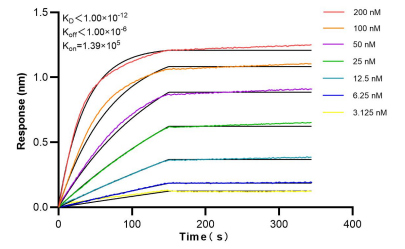
CHO cells



Transfected CHO cells

1x10⁶ TNFSF12 Transfected CHO were stained with 0.25 ug Anti-Human TNFSF12 Rabbit RecAb (98582-1-RR, Clone:250734G8), or 1x10⁶ CHO were stained with 0.25 ug Anti-Human TNFSF12 Rabbit RecAb (98582-1-RR, Clone:250734G8), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

1x10⁶ TNFSF12 Transfected CHO were stained with 0.25 ug Anti-Human TNFSF12 Rabbit RecAb (98582-1-RR, Clone:250734G8) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Bi-layer interferometry (BLI) kinetic assays of 98582-1-RR against Human TNFSF12 were performed. The affinity constant is below 1 pM.