

For Research Use Only

# Anti-Human TNFSF12 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98582-1-PBS



## Basic Information

Catalog Number:

98582-1-PBS

Concentration:

1mg, 3 mg/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

## Applications

Tested Applications:

FC

Species Specificity:

human

## 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 -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:

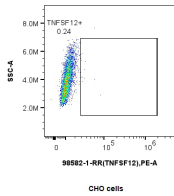
T: 4006900926

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

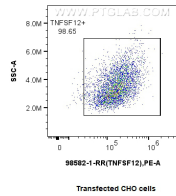
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

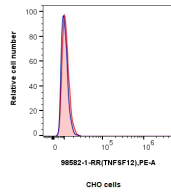
## Selected Validation Data



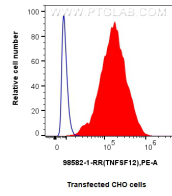
CHO cells



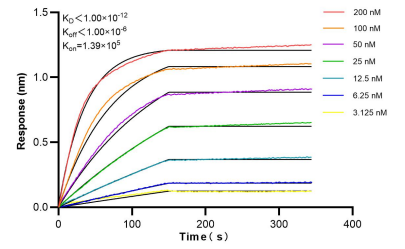
Transfected CHO cells



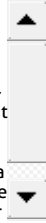
CHO cells



Transfected CHO cells



1x10<sup>6</sup> TNFSF12 Transfected CHO were stained with 0.25 ug Anti-Human TNFSF12 Rabbit RecAb (98582-1-RR, Clone:250734G8), or 1x10<sup>6</sup> 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). This data was developed using the same antibody clone with 98582-1-PBS in a different storage buffer



1x10<sup>6</sup> 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). This data was developed using the same antibody clone with 98582-1-PBS in a different storage buffer formulation.



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