

For Research Use Only

Anti-Human TNFSF12 Rabbit Recombinant Antibody

Catalog Number: 98582-1-RR



Basic Information

Catalog Number:

98582-1-RR

Size:

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 µg 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

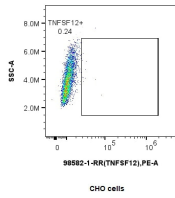
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

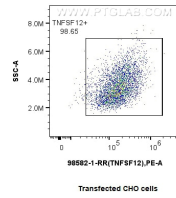
E: proteintech@ptglab.com
W: ptglab.com

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

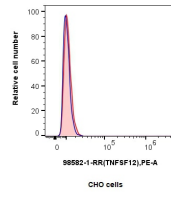
Selected Validation Data



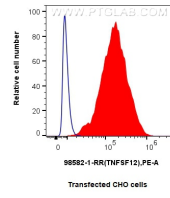
CHO cells



Transfected CHO cells



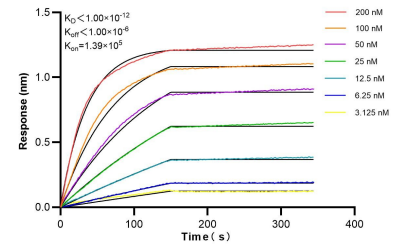
CHO cells



Transfected CHO cells

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.