

For Research Use Only

Anti-Mouse TWEAKR/CD266 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98382-2-PBS



Basic Information

Catalog Number: 98382-2-PBS	GenBank Accession Number: NM_013749.2	Purification Method: Protein A purification
Concentration: 1mg, 2000 µg/ml	GeneID (NCBI): 27279	CloneNo.: 241646F11
Source: Rabbit	UNIPROT ID: Q9CR75	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 12a	
Immunogen Catalog Number: EG1838	Calculated MW: 14kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

Background Information

TWEAKR (also known as CD266, FN14, TNFRSF12A) is a member of the TNF receptor superfamily which is activated by its ligand, the cytokine TWEAK (TNFSF12). TWEAKR is the smallest member of the TNFR superfamily. TweakR was first described as an FGF-inducible gene that played a role in fibroblast adhesion and migration. Subsequently, the induction of TweakR expression by other growth factors and/or upon tissue injury was observed in multiple cell types, including hepatocytes, endothelial cells, adipocytes, and cardiomyocytes. (PMID: 23073510, PMID: 24409185)

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:

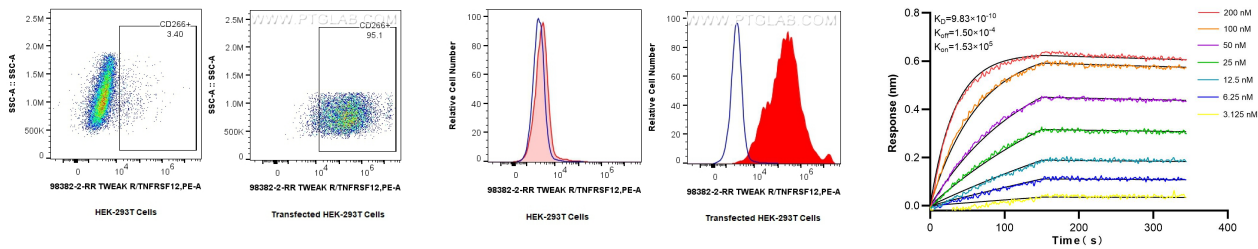
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ HEK-293T cells or TWEAKR/CD266 transfected HEK-293T cells were stained with 0.25 ug Anti-Mouse TWEAK R/TNFRSF12 Rabbit RecAb (98382-2-RR, Clone:241646F11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 98382-2-PBS in a different storage buffer formulation.

1x10⁶ HEK-293T cells(left) or TWEAK R/TNFRSF12 transfected HEK-293T cells(right) were stained with 0.25 ug Anti-Mouse TWEAK R/TNFRSF12 Rabbit RecAb (98382-2-RR, Clone:241646F11)(red), or 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. This data was developed using the same antibody clone with 98382-2-PBS in a

Biolayer interferometry (BLI) kinetic assays of 98382-2-RR against Mouse TWEAKR/CD266 were performed. The affinity constant is 0.983 nM.