

For Research Use Only

TWEAKR/CD266 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83916-1-PBS



Basic Information

Catalog Number: 83916-1-PBS	GenBank Accession Number: BC002718	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 51330	CloneNo.: 240991B2
Source: Rabbit	UNIPROT ID: Q9NP84	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 12A	
Immunogen Catalog Number: AG13823	Calculated MW: 129 aa, 14 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83916-1-PBS targets TWEAKR/CD266 as part of a matched antibody pair:

MP00861-1: 83916-1-PBS capture and 83916-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

TWEAKR (also known as CD266, FN14, TNFRSF 12A) is a member of the TNF receptor superfamily which is activated by its ligand, the cytokine TWEAK (TNFSF 12). 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.

Storage Buffer:
PBS Only

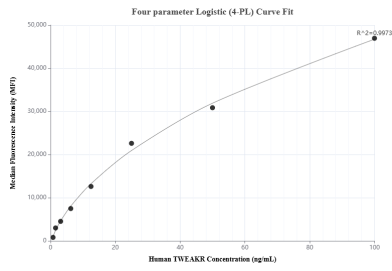
For technical support and original validation data for this product please contact:

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

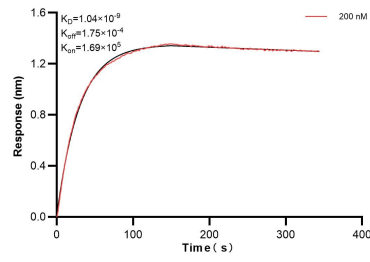
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array standard curve of MP00861-1, TWEAKR/CD266 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83916-1-PBS. Detection antibody: 83916-2-PBS. Standard: Ag13823. Range: 0.78-100 ng/mL.



Bilayer interferometry (BLI) kinetic assay of 83916-1-PBS against Human TWEAKR/CD266 was performed. The affinity constant is 1.04 nM.