

For Research Use Only

TNFRSF9/CD137 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68754-1-PBS



Basic Information

Catalog Number: 68754-1-PBS	GenBank Accession Number: BC006196	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3604	CloneNo.: 2A3B2
Source: Mouse	UNIPROT ID: Q07011	
Isotype: IgG1	Full Name: tumor necrosis factor receptor superfamily, member 9	
	Calculated MW: 28 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

68754-1-PBS targets TNFRSF9/CD137 as part of a matched antibody pair:

MP50110-1: 68754-1-PBS capture and 68754-2-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

CD137, also known as TNFRSF9 or 4-1BB, is an inducible T cell surface receptor that belongs to the tumor necrosis factor receptor superfamily. CD137 is a transmembrane protein expressed on the surface of activated T-cells. In addition, activation-dependent expression of CD137 has also been found in B lymphocytes, monocytes, and diverse nonlymphoid cell types. CD137 provides a co-stimulatory signal that enhances the survival, and differentiation of cells, and has a crucial role in the development of CD8 cytotoxic T cells and anti-tumor immunity. (PMID: 9826581; 23696891)

Storage

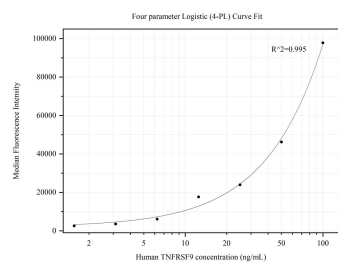
Storage:
Store at -80°C.

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
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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



Cytometric bead array standard curve of MP50110-1, TNFRSF9/CD137 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68754-1-PBS. Detection antibody: 68754-2-PBS. Standard:Eg0016. Range:1.563-100 ng/mL