

For Research Use Only

Anti-Human TNFRSF9/CD137 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98112-1-PBS



Basic Information

Catalog Number: 98112-1-PBS	GenBank Accession Number: BC006196	Purification Method: Protein A purification
Size: 1mg, 2 mg/ml	GeneID (NCBI): 3604	CloneNo.: 241344F3
Source: Rabbit	UNIPROT ID: Q07011	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 9	
	Calculated MW: 28 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

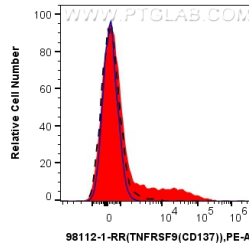
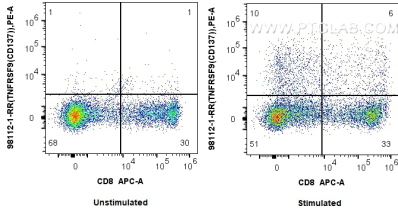
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



1×10^6 unstimulated or Con-A-stimulated human PBMCs were surface stained with 0.25 ug Anti-Human TNFRSF9/CD137 Rabbit Recombinant Antibody (98112-1-RR, Clone: 241344F3) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), and 0.25 ug APC Anti-Human CD8 (UCHT4) Mouse IgG2a Recombinant Antibody (APC-65559, Clone: UCHT4). Cells were not fixed. This data was developed using the same antibody clone with 98112-1-PBS in a different storage buffer



1×10^6 unstimulated (black, dashed) or Con-A-stimulated human PBMCs (red) were surface stained with 0.25 ug Anti-Human TNFRSF9/CD137 Rabbit Recombinant Antibody (98112-1-RR, Clone: 241344F3) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). 1×10^6 Con-A-stimulated human PBMCs were surface stained with 0.25 ug Isotype Control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (blue). Cells were not fixed. This data was developed using the

