

For Research Use Only

TNFRSF9/CD137 Polyclonal antibody

Catalog Number: 32133-1-AP



Basic Information

Catalog Number:

32133-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001077509.1

GeneID (NCBI):

21942

UNIPROT ID:

P20334

Full Name:

tumor necrosis factor receptor
superfamily, member 9

Calculated MW:

28 kDa

Observed MW:

28-30 kDa, 40-45 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : CTLL-2 cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

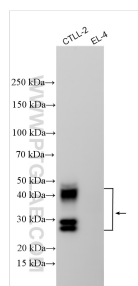
T: 4006900926

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



Various lysates were subjected to SDS PAGE followed by western blot with 32133-1-AP (4-1BB/TNFRSF9 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.