

For Research Use Only

CoraLite®594 Anti-Mouse TNFRSF9/CD137 Rabbit Recombinant Antibody

Catalog Number: CL594-98182



Basic Information

Catalog Number:

CL594-98182

Concentration:

100ug, 500 ug/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

Purification Method:

Protein A purification

CloneNo.:

241647E11

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide

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

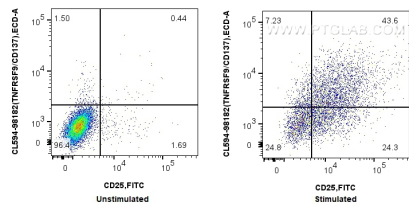
T: 4006900926

E: Proteintech-CN@ptglab.com

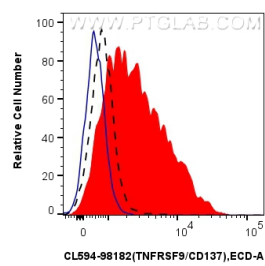
W: ptgcn.com

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Selected Validation Data



1x10⁶ untreated or Con A treated mouse splenocytes were surface stained with FITC Plus Anti-Mouse CD25/IL-2RA and 0.25 ug CoraLite® 594 Anti-Mouse TNFRSF9/CD137 Rabbit RecAb (CL594-98182, Clone: 241647E11). Cells were not fixed.



1x10⁶ Con A treated mouse splenocytes were surface stained with 0.25 ug CoraLite® 594 Anti-Mouse TNFRSF9/CD137 Rabbit RecAb (CL594-98182, Clone: 241647E11) (red) or CoraLite® 594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). 1x10⁶ untreated mouse splenocytes were surface stained with 0.25 ug CoraLite® 594 Anti-Mouse TNFRSF9/CD137 Rabbit RecAb (CL594-98182, Clone: 241647E11)(black, dashed). Cells were not

