

For Research Use Only

FITC Plus Anti-Human CD134/OX40 Rabbit Recombinant Antibody

Catalog Number: FITC-98181



Basic Information

Catalog Number:

FITC-98181

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1261

GenBank Accession Number:

NM_003327

GeneID (NCBI):

7293

UNIPROT ID:

P43489

Full Name:

tumor necrosis factor receptor
superfamily, member 4

Calculated MW:

29 kDa

Purification Method:

Protein A purification

CloneNo.:

241398G7

Excitation/Emission maxima
wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD134, also known as OX40 and TNFRSF4, is a member of the TNFR-superfamily of receptors (PMID: 2828930; 9766631). It is a type I transmembrane protein predominantly expressed on activated T cells which include CD4 and CD8 T cells, Th2, Th1, and Th17 cells, as well as regulatory T cells (Tregs) (PMID: 20307208). CD134 is activated by its cognate ligand CD134L (OX40L) and functions as a T cell co-stimulatory molecule (PMID: 26215166). CD134-CD134L interactions have been proposed as a potential therapeutic target for treating autoimmune diseases, cancer and infectious disease (PMID: 26215166; 19426222).

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 and 0.5% BSA, pH7.3

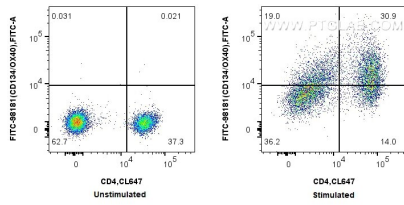
For technical support and original validation data for this product please contact:

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

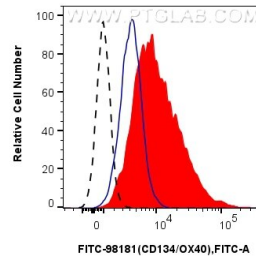
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ untreated or PHA-treated human PBMCs were surface stained with Coralite® Plus 647 Anti-Human CD4 and 5 ul FITC Plus Anti-Human CD134/OX40 Rabbit RecAb (FITC-98181, Clone: 241398G7). Cells were not fixed.



1x10⁶ PHA-treated human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD134/OX40 Rabbit RecAb (FITC-98181, Clone: 241398G7)(red) or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). 1x10⁶ untreated human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD134/OX40 Rabbit RecAb (FITC-98181, Clone: 241398G7) (black, dashed). Cells were not fixed.