For Research Use Only

APC Anti-Mouse CD134/OX40 (OX-86)

Catalog Number:APC-65136 1 Publications

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Basic Information

Catalog Number:
APC-65136

Concentration:
100ug, 0.2 mg/ml

Source:
Rat

Isotype:
IgG1, kappa

GenBank Accession Number:
BC065782

GeneID (NCBI):
22163

UNIPROT ID:
P47741

Full Name:
tumor necrosis factor receptor superfamily, member 4

Purification Method:
Affinity purification

CloneNo.:
OX-86

Recommended Dilutions:
FC: 0.2 ug per 10^6 cells in 100 μl suspension

Excitation/Emission maxima wavelengths:
650 nm / 660 nm

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
mouse

Cited Species:
mouse

Positive Controls:

FC : Anti-CD3/CD28 treated mouse splenocytes,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Yui Maehara	38839354	Biomed Res	FC

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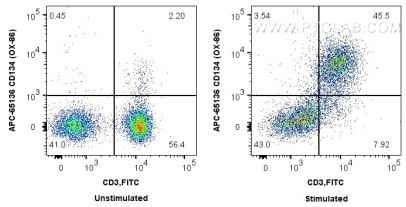
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10^6 unstimulated or anti-CD3/CD28 stimulated (2 days) mouse splenocytes were surface co-stained with FITC Plus Anti-Mouse CD3 (17A2) (FITC-65077, Clone: 17A2) and 0.2 ug APC Anti-Mouse CD134 (APC-65136, Clone: OX-86). Cells were not fixed.