

For Research Use Only

CoraLite®594 Anti-Mouse CD134/OX40 (OX-86)

Catalog Number:CL594-65136



Basic Information

Catalog Number:

CL594-65136

Size:

100ug , 0.5 mg/ml

Source:

Rat

Isotype:

IgG1, kappa

GenBank Accession Number:

BC065782

GeneID (NCBI):

22163

Full Name:

tumor necrosis factor receptor
superfamily, member 4

Purification Method:

Affinity purification

CloneNo.:

OX-86

Recommended Dilutions:

FC: 0.5 ug per 10⁶ cells in 100 µl
suspension

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

FC

Species Specificity:

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).

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, pH7.3

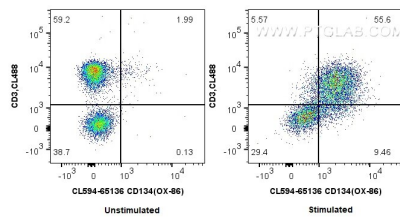
For technical support and original validation data for this product please contact:

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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



1X10⁶ unstimulated or anti-CD3/CD28-stimulated mouse splenocytes were surface co-stained with CoraLite® Plus 488-conjugated Anti-Mouse CD3 and 0.5 ug CoraLite® 594 Anti-Mouse CD134 (CL594-65136, Clone: OX-86). Cells were not fixed.