

For Research Use Only

CoraLite® Plus 647 Anti-Mouse CD134 (OX-86)



Catalog Number: **CL647-65136**

Basic Information

Catalog Number: CL647-65136	GenBank Accession Number: BC065782	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 22163	CloneNo.: OX-86
Source: Rat	Full Name: tumor necrosis factor receptor superfamily, member 4	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG1, kappa		

Applications

Tested Applications:
FC

Species Specificity:
Mouse

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

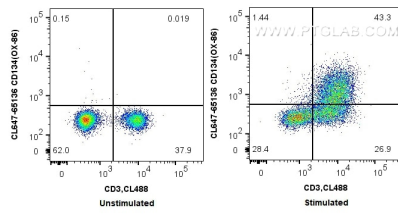
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

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 unstimulated or Con A-stimulated (3 ug/ml, 2 days) BALB/c mouse splenocytes were surface stained with CoraLite® 488 Anti-Mouse CD3 (CL488-65077, Clone: 17A2) and 5 ul CoraLite® Plus 647 Anti-Mouse CD134 (CL647-65136, Clone: OX-86). Cells were not fixed.