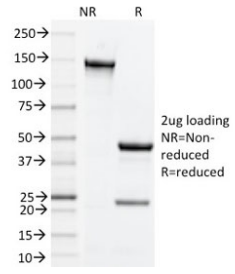
CD134 Antibody / OX40 [clone OX-86] (V8349)

Catalog No.	Formulation	Size
V8349-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8349-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8349SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Purified
Host	Rat
Clonality	Monoclonal (rat origin)
Isotype	Rat IgG1, kappa
Clone Name	OX-86
Purity	Protein G affinity chromatography
UniProt	P47741
Applications	This antibody does not block binding of OX40L Flow cytometry: 1-2ug/10^6 cells in 0.1ml Immunofluorescence: 1-2ug/ml
Limitations	This CD134 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free CD134 antibody (clone OX-86) as confirmation of integrity and purity.

Description

CD134 is a type I integral membrane protein. This receptor is expressed on activated CD4+and CD8+T cells and B cells. The CD134 binds to CD134 ligand (CD252) to provide a costimulatory signal that is independent of CD28. CD134 is involved in coordinating CD4 T cell selection, migration and cytokine differentiation in T helper (Th)1 and Th2 cells. CD134 is also involved in the stimulation of T cells, T dependent humoral response and generation of optimal CD4+ T cell responses in vivo and in vitro. CD134 is expressed on activated CD4+ T lymphocytes, and its ligand, CD134L, is found preferentially on activated B cells. Engagement of CD134 with its ligand, CD134L, delivers a strong costimulatory signal to effector T cells.

Application Notes

Optimal dilution of the CD134 antibody should be determined by the researcher.

Immunogen

Purified recombinant mouse OX40 antigen was used as the immunogen for the CD134 antibody.

Storage

Store the CD134 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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