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36-3820: Anti-CD134, Mouse (OX40) Monoclonal Antibody(Clone: OX-86)

Clonality :	Monoclonal
Clone Name :	OX-86
Application :	FACS,IF
Reactivity :	Mouse
Gene ID :	22163
Uniprot ID :	P47741
Alternative Name :	CD134; IMD16; Lymphoid activation antigen (ACT35); OX40 cell surface antigen; OX40L receptor; TAX transcriptionally activated glycoprotein 1 receptor; Tumor necrosis factor receptor superfamily member 4 (TNFRSF4); Txgp1l
Isotype :	Rat IgG1, kappa
Immunogen Information :	Purified recombinant Mouse OX-40 antigen

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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Does not block binding of OX40L; Flow Cytometry (0.5-1ug/million cells in 0.1ml); Immunofluorescence (1-2ug/ml);

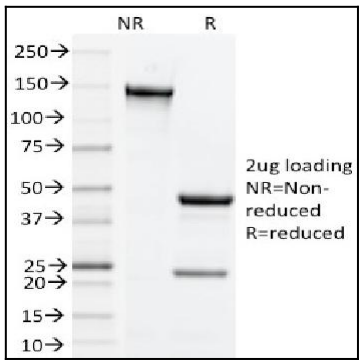


Fig. 1: SDS-PAGE Analysis Purified CD134 Rat Monoclonal Antibody (OX-86). Confirmation of Integrity and Purity of Antibody.

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