Monoclonal Antibody to CD134
Purified Antibody (0.1 mg)

Clone: Ber-ACT35
Isotype: Mouse IgG1
Specificity: The mouse monoclonal antibody Ber-ACT35 (also known as ACT35) recognizes CD134 (TNFRSF4, OX40), an approximately 50 kDa type I transmembrane glycoprotein expressed on activated T cells. HLDA VI: WS Code C-31
Regulatory Status: RUO
Immunogen: HTLV 1-transformed HUT-102 cells
Species Reactivity: Human, Non-Human Primates
Application: Flow Cytometry, Immunoprecipitation, Western Blotting, Immunohistochemistry (paraffin sections), Immunohistochemistry (frozen sections), ELISA
Purity: > 95% (by SDS-PAGE)
Purification: Purified by protein-A affinity chromatography
Concentration: 1 mg/ml
Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration: See vial label
Lot Number: See vial label
Background: CD134 (TNFRSF4, also known as OX40) is a type I transmembrane glycoprotein of TNF/NGF receptor family expressed on activated T cells, fibroblasts, and hematopoietic precursors. Binding to its ligand (OX40L, TNFSF4) on antigen presenting cells gives to the T cell costimulatory signal, and this interaction results also in B cell proliferation and influences T cell memory pool. CD134 is upregulated at sites of inflammation, especially in case of multiple sclerosis and psoriatic lesions.
References:


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