

## Product datasheet for **AM26798RP-N**

### **TNFRSF4 Mouse Monoclonal Antibody [Clone ID: Ber-ACT35]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	Ber-ACT35
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry analysis</b> of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Reactivity:	Human, Primate
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	HTLV 1-transformed HUT-102 cells
Specificity:	This antibody clone Ber-ACT35 (also known as ACT35) recognizes CD134 (TNFRSF4, OX40), an approximately 50 kDa type I transmembrane glycoprotein expressed on activated T cells.
Formulation:	PBS containing 15 mM sodium azide and 0.2% (w/v) high-grade protease free BSA as a stabilizing agent State: Liquid purified Ig fraction Label: Conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor receptor superfamily member 4
Database Link:	<a href="#">Entrez Gene 7293 Human P43489</a>



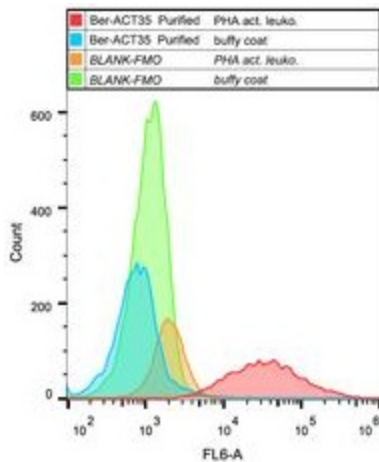
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**Background:**

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.

**Synonyms:**

TNFRSF4, TXGP1L, ACT35 antigen, OX40L receptor

**Product images:**

Surface staining of human PHA-activated leukocytes with anti-human CD134 (Ber-ACT35) purified, GAM APC.