

Monoclonal Antibody to CD134 / TNFRSF4 - FITC

Alternate names:	ACT35 antigen, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, TNFRSF4, TXGP1L, Tumor necrosis factor receptor superfamily member 4
Catalog No.:	SM055F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	The OX40 receptor is also known as CD134, ACT35, and tumour necrosis factor receptor superfamily member 4. This receptor is expressed on activated CD4+ and CD8+ T cells and B cells. The OX40 receptor binds to the OX40 ligand to provide a co-stimulatory signal that is independent of CD28. Blockade of OX40-OX40 ligand interactions has been shown to ameliorate experimental EAE and inflammatory bowel disease, imply that these interactions are important in the pathogenesis of some autoimmune diseases.
Uniprot ID:	P47741
NCBI:	NP_035789.1
GeneID:	22163
Host / Isotype:	Rat / IgG1
Clone:	OX-86
Immunogen:	CHO cells transfected with murine OX40. Spleen cells from immunised AO rats were fused with cells of the mouse NS1 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl; The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises OX40 (CD134), a cell surface antigen expressed only by activated T lymphocytes. Species: Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com