



CD252 Antibody [RM134L] (APC)

CATALOG NUMBER: 76-943

Specifications

SPECIES REACTIVITY:	Mouse
TESTED APPLICATIONS:	FACS
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	The RM134L monoclonal antibody specifically reacts with mouse CD252, a TNF/NGF superfamily member present on activated B lymphocytes and antigen-presenting cells.
HOST SPECIES:	Rat

Properties

PURIFICATION:	The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.
PHYSICAL STATE:	liquid
BUFFER:	Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2.
CONCENTRATION:	0.2 mg/mL
STORAGE CONDITIONS:	The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze.
CLONALITY:	Monoclonal
ISOTYPE:	Rat IgG2b, kappa
CONJUGATE:	APC

Additional Info

ALTERNATE NAMES:	Ath1, gp34, Ath-1, Ox40l, TXGP1, CD134L, OX-40L, Txgp1l, Tnfsf4
OFFICIAL SYMBOL:	Tnfsf4
GENE ID:	22164

Background

BACKGROUND:	The RM134L monoclonal antibody specifically reacts with mouse CD252, a TNF/NGF superfamily member present on activated B lymphocytes and antigen-presenting cells. On activated B cells it enhances immunoglobulin secretion and cell proliferation. CD252 is also known as the OX-40 ligand and interacts with the OX-40 antigen found on the surface of activated T cells. The RML134L is reported to block the costimulatory activity of OX-40L.
REFERENCES:	<p>1) Otsuki, N., Kamimura, Y., Hashiguchi, M., Azuma, M. (2006). Expression and function of the B and T lymphocyte attenuator (BTLA/CD272) on human T cells. <i>Biochemical and biophysical research communications</i>, 344(4), 1121-1127.</p> <p>2) Watanabe, N., Gavrieli, M., Sedy, J. R., Yang, J., Fallarino, F., Loftin, S. K., ... Murphy, K. M. (2003). BTLA is a lymphocyte inhibitory receptor with similarities to CTLA-4 and PD-1. <i>Nature immunology</i>, 4(7), 670-679.</p> <p>3) Sedy, J. R., Gavrieli, M., Potter, K. G., Hurchla, M. A., Lindsley, R. C., Hildner, K., ... Murphy, K. M. (2005). B and T lymphocyte attenuator regulates T cell activation through interaction with herpesvirus entry mediator. <i>Nature immunology</i>, 6(1), 90-98.</p>

