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CD252 Antibody [RM134L] (APC)

CATALOG NUMBER: 76-944

Specifications

SPECIES REACTIVITY:	
TESTED APPLICATIONS:	
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.
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	2) Lien, E., Sellati, T. J., Yoshimura, A., Flo, T. H., Rawadi, G., Finberg, R. W., ... Golenbock, D. T. (1999). Toll-like receptor 2 functions as a pattern recognition receptor for diverse bacterial products.Journal of Biological Chemistry,274(47), 33419-33425.
	3) Cook, E. B., Stahl, J. L., Esnault, S., Barney, N. P., Graziano, F. M. (2005). Toll-like receptor 2 expression on human conjunctival epithelial cells: a pathway for

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