

Monoclonal Antibody to CD2 - FITC

Alternate names:	Erythrocyte receptor, LFA-2, LFA-3 receptor, Rosette receptor, SRBC, T-cell surface antigen CD2, T-cell surface antigen T11/Leu-5
Catalog No.:	SM1783F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	CD2 is expressed by T cells, NK cells and thymocytes. CD2 is a receptor for CD58 (LFA-3), and is important in mediating the interaction between T cells and target cells or antigen presenting cells.
Uniprot ID:	P06729
NCBI:	9606
Host / Isotype:	Mouse / IgG2b
Clone:	LT2
Immunogen:	Normal human peripheral blood lymphocytes. Spleen cells from immunised BALB/c mice were fused with cells of the mouse X63.653 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein A Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is a single chain transmembrane glycoprotein of 50kD. This antibody inhibits NK cell mediated cytotoxicity, and ConA and PHA mediated blast transformation. Species: Human, Rhesus Monkey. 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.
General References:	1. Moingeon, P. et al. (1989) The structural biology of CD2. Immunol. Rev. 111: 111-144. 2. Beyers, A.D. et al. (1989) Activation of T lymphocytes via monoclonal antibodies against rat cell surface antigens with particular reference to CD2 antigen. Immunol. Rev. 111: 59-77.

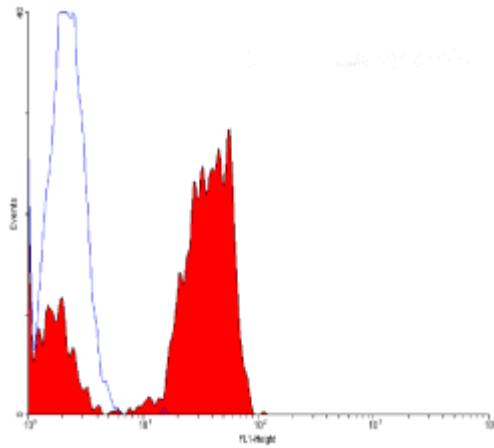
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Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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

Pictures:

SM1783F staining lymphocytes.



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