

## Monoclonal Antibody to CD27 - FITC

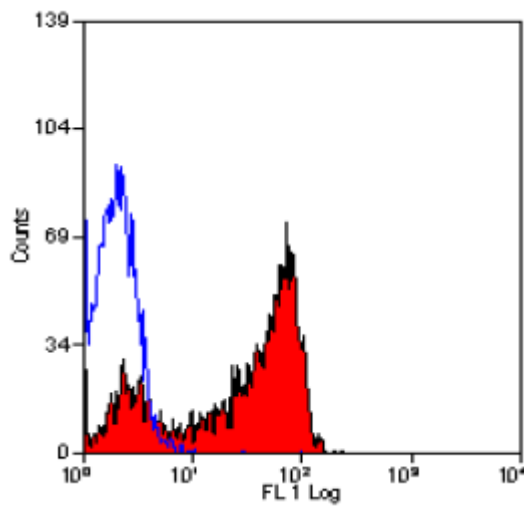
<b>Alternate names:</b>	CD27L receptor, T-cell activation antigen CD27, T14, TNFRSF7, Tumor necrosis factor receptor superfamily member 7
<b>Catalog No.:</b>	SM1086F
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	This antigen is expressed on activated T lymphocytes and belongs to a family of proteins associated with the nerve growth factor receptor. CD27 is expressed by thymocytes and peripheral T cells and also by EBV transformed B cell lines.
<b>Uniprot ID:</b>	<a href="#">P26842</a>
<b>NCBI:</b>	<a href="#">NP_001233.1</a>
<b>GeneID:</b>	<a href="#">939</a>
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Clone:</b>	LT27
<b>Immunogen:</b>	Spleen cells from immunised mice were fused with cells of the P3. X 63-Ag8-653 mouse myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Ion exchange chromatography <b>Buffer System:</b> Contains 0.09% Sodium Azide and 1.0% Bovine Serum Albumin <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody precipitates a molecule of MW55kD (120kD in non-reduced conditions) designated as the CD27 antigen. <b>Species:</b> Human, Cynomolgus monkey, Rhesus Monkey. Other species not tested.
<b>Storage:</b>	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.
<b>General References:</b>	1. Yoshino, N. et al. (2000) Upgrading of flow cytometric analysis for absolute counts, cytokines and other antigenic molecules of Cynomolgus monkeys ( <i>Macaca fascicularis</i> ) by using anti-human cross-reactive antibodies. <i>Exp. Anim.</i> 49: 97-110.

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Pictures:



Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD27:FITC

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