

## Monoclonal Antibody to CD19 - FITC

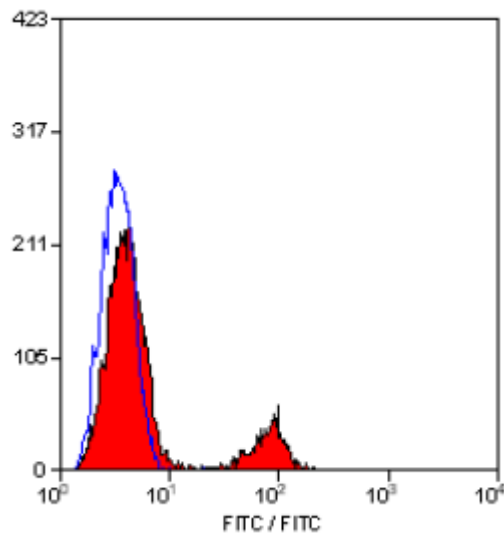
<b>Alternate names:</b>	B-cell marker, B-lymphocyte surface antigen B4, Differentiation antigen CD19, Leu-12
<b>Catalog No.:</b>	SM1529F
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	Human CD19 cell surface antigen is a 96 kD single chain glycoprotein on the surface of human B lineage cells, including pre-B cells. B cells can be detected in peripheral blood and tissues.
<b>Uniprot ID:</b>	<a href="#">P15391</a>
<b>NCBI:</b>	<a href="#">NP_001171569.1</a>
<b>GeneID:</b>	<a href="#">930</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	LT19
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction. <b>Purification:</b> Affinity Chromatography on Protein G <b>Buffer System:</b> PBS, pH 7.2, containing 1% BSA as stabilizer and 0.09% Sodium Azide as preservative. <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow Cytometry: Use 10µl of Neat-1/10 diluted antibody to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the CD19 cell surface antigen. It labels all B lymphocytes in peripheral blood and spleen but is negative on granulocytes, monocytes, platelets, T lymphocytes and erythrocytes. The antibody reacts with most B cell malignancies including chronic leukaemia and most lymphomas, but not multiple myeloma. <b>Species:</b> Human. 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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. 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](http://www.acris-antibodies.com) or on request.

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Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)

Pictures:



Staining of human peripheral blood lymphocytes with Mouse Anti Human CD19-FITC (SM1529F/FT).

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