

## Monoclonal Antibody to CD200 Ligand - FITC

<b>Alternate names:</b>	OX-2 Ligand, OX2 Ligand
<b>Catalog No.:</b>	SM1653F
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	This antigen is a heavily glycosylated 60-100kD cell surface molecule expressed by cells of the myeloid lineage but not by T or B lymphocytes.
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	MRC OX102
<b>Immunogen:</b>	Membrane fraction of thioglycollate-elicited rat peripheral cells. Spleen cells from immunised Balb/c mice were fused with cells of the mouse NSI myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Affinity chromatography on Protein G <b>Buffer System:</b> PBS containing 0.09% Sodium Azide and 1% Bovine Serum Albumin <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow cytometry: neat - 1/10; use 10 µl of the suggested working dilution 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 OX2 (CD200) ligand. <b>Species:</b> Rat. 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. Wright, G.J. et al. (2000) Lymphoid/neuronal cell surface OX2 glycoprotein recognises a novel receptor on macrophages implicated in the control of their function. <i>Immunity</i> 13: 233-242. 2. Nathan, C. and Muller, W.A. (2001) Putting the brakes on innate immunity: a regulatory role for CD200. <i>Nature Immunology</i> 2: 17-19.

**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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