

## Monoclonal Antibody to CD200 Ligand - PE

- Alternate names:** OX-2 Ligand, OX2 Ligand
- Catalog No.:** SM1653R
- Quantity:** 100 Tests
- Background:** 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.
- Host / Isotype:** Mouse / IgG1
- Clone:** OX102
- Immunogen:** Membrane fraction of thioglycollate-elicited rat peripheral cells. Spleen cells from immunised Balb/c mice were fused with cells of the mouse NS1 myeloma cell line.
- Format:** **State:** Lyophilized purified IgG fraction.  
**Purification:** Affinity chromatography on Protein G  
**Buffer System:** PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer.  
**Label:** PE – R. Phycoerythrin (RPE)  
**Reconstitution:** Restore with 1ml distilled water
- Applications:** Flow Cytometry: Use 10 µl of neat-1/10 diluted antibody to label 10e6 cells. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
- Specificity:** This antibody recognises the OX2 (CD200) ligand. This antibody has been shown to block the interaction of OX2 Ligand with CD200.  
**Species:** Rat.  
Other species not tested.
- Storage:** Prior to and following reconstitution store the antibody undiluted at 2-8°C.  
**DO NOT FREEZE!**  
This product is photosensitive and should be protected from light.  
Shelf life: one year from despatch.
- General References:** 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. *Immunity* 13: 233-242.  
2. Nathan, C. and Muller, W.A. (2001) Putting the brakes on innate immunity: a regulatory role for CD200. *Nature Immunology* 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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