



## MOUSE ANTI-RAT THY-1 (CD90.1) MONOCLONAL ANTIBODY

|                            |   |                       |           |
|----------------------------|---|-----------------------|-----------|
| <b>CATALOG NUMBER:</b>     | CBL1500   | <b>QUANTITY:</b>      | 500 µg    |
| <b>LOT NUMBER:</b>         |   | <b>CONCENTRATION:</b> | 1.0 mg/mL |
| <b>ALTERNATE NAMES:</b>    | CD90  |                       |           |
| <b>CLONE NAME:</b>         | OX-7  | <b>HOST/ISOTYPE:</b>  | Ms IgG1   |
| <b>SPECIFICITY:</b>        | This antibody reacts with rat Thy-1 molecule which is found on rat thymocytes, brain, spinal cord, bone marrow, and other non-lymphoid tissues, including breast epithelial/myoepithelial cells. It also binds to the mouse Thy-1.1 determinant. In strains expressing THY-1.1 (e.g. AKR and B10 mice) the antibody binds to thymocytes, brain, spinal cord and peripheral T lymphocytes. Strains which express the THY-1.2 determinant (e.g. BALB/C or CBA mice) do not react with this antibody.  |                       |           |
|                            | KNOWN SPECIES CROSS REACTIVITY: Cross-reacts with mouse Thy 1.1 determinant   |                       |           |
|                            | FUSION PARTNER: P3- NS1/1-AG4-1 myeloma cell line   |                       |           |
| <b>APPLICATIONS:</b>       | Suitable for use in flow cytometry<br>Suitable for use in immunohistochemistry on frozen sections only<br>Optimal working dilutions must be determined by the end user.   |                       |           |
| <b>SPECIES REACTIVITY:</b> | Reacts with Rat and Mouse. Reactivity with other species has not been determined.   |                       |           |
| <b>IMMUNOGEN:</b>          | Rat Thy-1   |                       |           |
| <b>FORMAT:</b>             | Purified by Protein-A affinity chromatography.  |                       |           |
| <b>PRESENTATION:</b>       | The monoclonal is presented in phosphate buffered saline containing 10mM sodium azide. We recommend that each laboratory determine an optimum working titre for use in its particular application.  |                       |           |
| <b>STORAGE/HANDLING:</b>   | For use within 1 month of purchase store at +4°C, for long term storage aliquot antibody into small volumes and store at -20°C for up to one year.  |                       |           |
| <b>REFERENCES:</b>         | Williams A. F. & Gagnon (1982). J. Science 216:696-703.<br>Neville D. M. & Youle R. (1982). J. Immunol. Review 62:75.<br>Barclay A. N. (1981). Immunol. 44:727-736.<br>Barclay A. N. & Mayrhofer G. (1981). J. Exp. Med. 153:1666-1671.<br>Mason D. W. & Williams A. F. (1980). Biochem. J. 187:1-20.<br>McMaster W. R. & Williams A. F. (1979). Eur. J. Immunol. 2:426-433.<br>Dulbecco R., Bolgna M. & Unga M (1979). Proc. Natl. Acad. Sci. 76:1848.<br>Barclay A. N. & Hyden H. (1978). J. Neurochem. 31:1375-1391.<br>Hunt S. V., Mason D. W. & Williams A. F. (1977). Eur. J. Immunol. 7:817-823. |                       |           |

*For research use only; not for use as a diagnostic.*

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

©2007: Millipore Corporation. All rights reserved. No part of these works may be reproduced in any form without permission in writing.

USA & Canada • Phone: +1(800) 437-7500 • Fax: +1 (951) 676-9209  
Australia +61 3 9839 2000  
www.millipore.com



Williams A. F. et al. (1976). Coldspring Harbour Symposium on Qualitative Biology  
41:51-61.  
Raff M. C. (1971). Transplan. Rev. 6:52-80.

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

*For research use only; not for use as a diagnostic.*

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

©2007: Millipore Corporation. All rights reserved. No part of these works may be reproduced in any form without permission in writing.

---

USA & Canada • Phone: +1(800) 437-7500 • Fax: +1 (951) 676-9209  
Australia +61 3 9839 2000  
[www.millipore.com](http://www.millipore.com)