

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

CATALOG NUMBER: CBL1500F QUANTITY: 100 test

LOT NUMBER:

ALTERNATE NAMES: CD90

CLONE NAME: OX-7 HOST/ISOTYPE: Ms IgG1

SPECIFICITY: This antibody reacts with rat Thy-1 molecule which is found on rat thymocytes, brain, spinal

cord, bone marrow, and other non-Imyphoid 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

react with this antibody.

KNOWN SPECIES

not

CROSS REACTIVITY: Cross-reacts with mouse Thy 1.1 determinant

FUSION PARTNER: P3- NS1/1-AG4-1 myeloma cell line

APPLICATIONS: Suitable for use in flow cytometry

Suitable for use in immunohistochemistry on frozen sections only Optimal working dilutions must be determined by the end user.

SPECIES REACTIVITY: Reacts with Rat and Mouse. Reactivity with other species has not been determined.

IMMUNOGEN: Rat Thy-1

FORMAT: Purified by Protein-A affinity chromatography.

PRESENTATION: The conjugate is supplied as a 100 test vial in phosphate buffered saline containing

10mM sodium azide and 1mg/ml bovine serum albumin. For flow cytometry we recommend

using 10µL of conjugate per test.

STORAGE/HANDLING: Store at +4°C protected from light. DO NOT FREEZE. For long term use and storage

aliquot conjugate into small volumes and store at +4°C for up to one year.



REFERENCES:

Williams A. F. & Gagnon (1982). J. Science 216:696-703.

Neville D. M. & Youle R. (1982). J. Immunol. Review 62:75.

Barclay A. N. (1981). Immunol. 44:727-736.

Barclay A. N. & Mayrhofer G. (1981). J. Exp. Med. 153:1666-1671.

Mason D. W. & Williams A. F. (1980). Biochem. J. 187:1-20.

McMaster W. R. & Williams A. F. (1979). Eur. J. Immunol. 2:426-433.

Dulbecco R., Bolgna M. & Unga M (1979). Proc. Natl. Acad. Sci. 76:1848.

Barclay A. N. & Hyden H. (1978). J. Neurochem. 31:1375-1391.

Hunt S. V., Mason D. W. & Williams A. F. (1977). Eur. J. Immunol. 7:817-823.

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 IN DIAGNOSTIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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