

AcM Ig(k+l) rat (MARK-1L-15)

Catalog #: TC208-0

DESIGNATION OF CELL LINE AND PRODUCT : MARK-1

IMMUNOGEN

SUBSTANCE NAME : Kappa L-chain

GENUS SPECIES : Rattus norvegicus - rat

STRAIN : LOU/C

IMMUNOCYTE DONOR

GENUS SPECIES : Mus musculus - mouse

STRAIN : BALB/c

IMMORTAL CELL PARTNER

DESIGNATION : Sp2/O

HYBRIDOMA CELLS AND MONOCLONAL ANTIBODY

CLASS OF ANTIBODY PRODUCED : Mouse kappa IgG1

NAME FOR CELL LINE : MARK-1 HYBRIDOMA

NAME FOR PRODUCT : MARK-1 MONO Ab

ICDB NUMBER: 3032660

REACTIVITY: Rat Kappa light chain of Ig (determined by immunodot)

AVIDITY: on rat IgD kappa: 1 x 10⁹M₋₁ (Cf. avidity sheet, for more details).

CROSS-REACTIVITY: MARK-1 does not cross react with human IgG coated in ELISA plate.
No specific binding on human platelets.

APPLICATIONS: Cf REACTIVITY

- CAN BE USED IN IMMUNOAFFINITY CHROMATOGRAPHY for purification of rat Ig of the Kappa type (Solid phase Sepharose 4B CNBr act.)
- CAPTURE ELISA: MEDIUM BINDING ON PLASTICS
- CAN BE LABELLED WITH PEROXIDASE, BIOTIN, FITC AND TRITC
- CAN BE LABELLED WITH IODINE (4) AND ALKALINE PHOSPHATASE
- CAN BE USED AS SECOND ANTIBODY IN IMMUNOASSAYS
- CANNOT BE COATED ON NITROCELLULOSE (DOT-ELISPOT)
- CAN BE USED ON CRYOSECTIONS (IMMUNOHISTOLOGY) AS FIRST ANTIBODY LABELLED WITH PEROXIDASE OR FITC

LYOPHILIZATION: Yes.

REFERENCES

Selected references of scientific publications in which MARK-1 MAb was used

Bazin H. et al. J. Immunol. Methods 1984,66:261-269; Bodeus M. et al. J. Immunol. Methods 1985,79:1-6; Khalife J. et al. J. Immunol. 1985,135:2780-2784; Bazin H., Malache J.M. J. Immunol. Meth., 1986, : 19-24; Bazin H. et al. Meth. Enzymol., 1986, 121:638-652; Manouvriez P. et al. Immunobiology 1986, 173, 308-309; Pelletier L. et al. Clin. Exp. Immunol., 1988, 71: 336-342; Castedo M. et al. Int. Immunol. 1993, 5: 1569-1576; Soares M. et al. Transplantation 1993, 56: 1427-1433; Saoudi A. et al. Int. Immunol. 1993, 5: 1559-1567; Vanhove B., Bazin H. Immunology 1993, 79: 580-586; Gmür, R. & Guggenheim, B. J. Dent. Res. 1994, 73: 1421-1428; Reding et al. Transplant Immunol. 1994, 2: 231-237; Lepault F. et al. Eur. J. Immunol. 1995, 25: 1502-1507; Scheringa M. et al., Transplantation 1995, 60: 1350-1353; Soares et al., Transplant. Proc. 1995, 27: 282-285

For more information, see: "Rat Hybridomas and Rat Monoclonal Antibodies". H. BAZIN (Ed.), CRC Press, Boca Raton, Florida, USA, 1990, 515 pages.

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