

DESIGNATION OF CELL LINE AND PRODUCT : *LO-MM-8*

IMMUNOGEN :

SUBSTANCE NAME : purified IgM (Mouse polyclonal IgM) from BALB/c mice
GENUS SPECIES : Mus musculus - mouse

IMMUNOCYTE DONOR :

GENUS SPECIES : Rattus norvegicus - rat
STRAIN : LOU/C

IMMORTAL CELL PARTNER :

DESIGNATION : non secreting LOU/C rat IR983F fusion line (1)

HYBRIDOMA CELLS AND MONOCLONAL ANTIBODY :

CLASS OF ANTIBODY PRODUCED : Rat Kappa IgG1, allotype IgK-1a.
NAME FOR CELL LINE : LO-MM-8 HYBRIDOMA
NAME FOR PRODUCT : LO-MM-8 MONO Ab
ICDB NUMBER :

REACTIVITY:

Mu heavy chain of Mouse immunoglobulin (2) (determined by immunodot)

AVIDITY:

On mouse IgM: $3.6 \times 10^9 M^{-1}$
Cf. avidity sheet, for more details

APPLICATIONS : Cf REACTIVITY

- CAN BE USED AS SECOND ANTIBODY IN IMMUNOASSAYS
- CAN BE LABELLED WITH PEROXIDASE AND BIOTIN
- CAPTURE ELISA: GOOD BINDING ON PLASTICS
- CAN BE USED ON CRYOSECTIONS (IMMUNOHISTOLOGY) AS FIRST ANTIBODY LABELED WITH PEROXIDASE

LYOPHILIZATION :

Not tested

FORMAT AVAILABLE:

- Azide Free
- Endotox Free
- Custom labeling available on the full catalog or on request (Phycoerythrin, HRP, FITC, Alexa Fluor, ...)
- In cocktail with another antibody

REFERENCES :

(1) Bazin H. Production of rat monoclonal antibodies with the LOU rat non secreting IR983F myeloma cell line. Prot. Biol. Fluids, 1982, Peeters E. ed., 29th colloquium 1981 Pergamon Press Oxford and N.Y. : 615-618
(2) Cormont F., Manouvriez P., De Clercq L., Bazin H. The use of rat monoclonal antibodies to characterize, quantify and purify polyclonal or monoclonal mouse IgM. Meth. in Enzymol. 1986,121:622-631

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

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