

DESIGNATION OF CELL LINE AND PRODUCT : *LO-DNP-45*

IMMUNOGEN

SUBSTANCE NAME : DNP-SALMONELLA

IMMUNOCYTE DONOR

GENUS SPECIES : Rattus norvegicus - rat

STRAIN : LOU/C

TISSUE SOURCE : Spleen

IMMORTAL CELL PARTNER

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

HYBRIDOMA CELLS AND MONOCLONAL ANTIBODY

CLASS OF ANTIBODY PRODUCED: Rat kappa IgA, allotype IgK-1a

NAME FOR CELL LINE : LO-DNP-45

NAME FOR PRODUCT : LO-DNP-45

ICDB NUMBER : 3000282

REACTIVITY:

DINITROPHENYL HAPTEN (2)

AVIDITY:

On DNP-BGG: $3.2 \times 10^{10} \text{ M}^{-1}$

APPLICATIONS : Cf. REACTIVITY

CAN BE LABELLED WITH FITC AND BIOTIN

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., pp. 615-618.
- (2) Rits M., Cormont F., Bazin H., Meykens R. & Vaerman J.P. Rat monoclonal antibodies. VI. Production of IgA secreting hybridomas with specificity for the 2,4 dinitrophenyl (DNP) hapten. J. Immunol. Methods 1986, 89, 81-87.
- (4) Bogers WM Scand. J. Immunol., 1990, 31 : 679-689.
- (5) Rits M. et al. Scand. J. Immunol. 1987, 25: 359-366

For more information, see: "Rat Hybridomas and Rat Monoclonal Antibodies". H. BAZIN (Ed.), CRC Press, Boca Raton, Florida, USA, 1990, 515 pages and specially Platteau B., Rits M., Cormont F., Wauters D., Bazin H. Production and characterization of rat-rat hybridomas against DNP-Hapten. pp. 281-285.

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