

DESIGNATION OF CELL LINE AND PRODUCT : *LO-DNP-1*

IMMUNOGEN

SUBSTANCE NAME : DNP-OVALBUMIN

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 IgG1, allotype IgK-1a

NAME FOR CELL LINE : LO-DNP-1

NAME FOR PRODUCT : LO-DNP-1

ICDB NUMBER : 3000002

REACTIVITY :

DINITROPHENYL HAPTEN

CROSS-REACTIVITY :

No specific binding on human platelets.

AVIDITY:

On DNP-BGG: $8.4 \times 10^{10} \text{ M}^{-1}$

APPLICATIONS : Cf REACTIVITY

CAN BE LABELLED WITH FITC, BIOTIN AND PEROXIDASE

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

REFERENCE :

(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.

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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