

**DESIGNATION OF CELL LINE AND PRODUCT : LO-DNP-61**

**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 IgG2a, allotype IgK-1a

**NAME FOR CELL LINE** : LO-DNP-61

**NAME FOR PRODUCT** : LO-DNP-61

**ICDB NUMBER** : 3000298

**REACTIVITY:**

DINITROPHENYL HAPTEN (2)

**AVIDITY:**

On DNP-BGG:  $7.1 \times 10^{10} \text{ M}^{-1}$

**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.
- (3) Vanhove B., Bazin H. Mol. Immunol., 1992, 29 : 1-8.

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.

**FOR RESEARCH ONLY**