



## DESIGNATION OF CELL LINE AND PRODUCT : *LO-DNP-30*

### **IMMUNOGEN**

*SUBSTANCE NAME* : Nippostrongylus brasiliensis-DNP

### **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 IgE, allotype IgK-1a

*NAME FOR CELL LINE* : LO-DNP-30

*NAME FOR PRODUCT* : LO-DNP-30

*ICDB NUMBER* : 3000267

### **REACTIVITY:**

DINITROPHENYL HAPTEN

### **AVIDITY:**

On DNP-BGG:  $1.5 \times 10^{10} \text{ M}^{-1}$

### **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

### **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.

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

Selected reference of scientific publication in which LO-DNP-30 was used

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**

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