

## DESIGNATION OF CELL LINE AND PRODUCT: *LO-DNP-16*

### 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 IgG2a, allotype IgK-1a

NAME FOR CELL LINE: LO-DNP-16

NAME FOR PRODUCT: LO-DNP-16

ICDB NUMBER : 3000253

### REACTIVITY:

DINITROPHENYL HAPTEN

### CROSS-REACTIVITY:

No specific binding on human platelets.

### APPLICATIONS : Cf REACTIVITY

CAN BE LABELLED WITH PEROXIDASE

### AVIDITY:

On DNP-BGG:  $2.2 \times 10^{10} \text{ M}^{-1}$

### 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

### 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) Mysliwicz J., Thierfelder S. Transplantation 1993, 56 : 1266-1269
- (3) Kaetzel C.S. et al. J. Immunol. 1994, 152 : 72-76
- (4) Louis, H. et al. Gastroenterology 1997, 112 : 935-942

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**