



## DESIGNATION OF CELL LINE AND PRODUCT : *LO-MD-8*

### **IMMUNOGEN :**

**SUBSTANCE NAME:** IgD (MOUSE DELTA HEAVY CHAIN OF IMMUNOGLOBULIN) TEPC 1017  
**GENUS SPECIES:** Mus musculus - mouse

### **IMMUNOCYTE DONOR:**

**GENUS SPECIES:** Rattus norvegicus - rat  
**STRAIN:** LOU/C

### **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-MD-8 HYBRIDOMA  
**NAME FOR PRODUCT :** LO-MD-8 MONO Ab  
**ICDB NUMBER :** 3070309.

### **REACTIVITY:**

Mouse delta heavy chain of immunoglobulin (determined by immunodot)

### **AVIDITY (2):**

On mouse IgD:  $2.9 \times 10^9$  M<sup>-1</sup>

### **APPLICATIONS : Cf REACTIVITY**

- CAN BE LABELLED WITH BIOTIN AND PEROXIDASE
- CAN BE USED AS SECOND ANTIBODY IN IMMUNOASSAY
- CAPTURE ELISA: GOOD BINDING ON PLASTICS

### **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) Van Heymingen et al. J. Immunol. Methods 1983, 62: 147-153.

For more information, see: Rat Hybridomas and Rat Monoclonal Antibodies. Bazin H. (ed.), CRC Press, Boca Raton, Florida, USA, 1990, 515 pages.

**FOR RESEARCH ONLY**