

**Anti-Immunoglobulin light chain (rat, kappa chain)  
 Mouse monoclonal antibody**

Subclass: IgG1/k

PRODUCT NO.

**MARK 1**

Clone:

PRESENTATION

Preparation: Protein-A/G purified

Content: Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.

Solvent: 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide

Storage: 4-8°C without exposure to light. No precautions necessary during handling.

ANTIGEN

Secreted immunoglobulins (Ig) have two separable functions: one is to bind specifically to pathogenic molecules, the other is to recruit cells and molecules to destroy the opsonized pathogen.

IMMUNOGEN

Immunoglobulin kappa light-chain from rat

SPECIFICITY

MARK 1 is specific for the pmmunoglobulin kappa light-chain in rats.

Cross-reactivity has not been determined

EPIPE SPECIFICITY

Not determined

REACTIVITY

MARK-1 reacts with the immunoglobulin kappa light-chain from rat in ELISA.

CULTURE MEDIUM

RPMI 1640 with 10% fetal calf serum

FUSION PARTNER

SP2/O

IMMUNIZATION

BALB/c mice immunized by intravenous injection

APPLICATION

Method	Usability	References
ELISA	Yes	
Immunoblotting	Not determined	
Immunohistochemistry	Not determined	

REFERENCES

1. Bazin H, Xhurdebise LM, Burtonboy G, Lebacq AM, Clercq LD, Cormont F (1984) Rat Monoclonal Antibodies. I. Rapid Purification from In Vitro Culture Supernatants. J Immunol Methods 66:261-269.
2. Brogren CH, Hirsch F, Wood P, Druet P, Poussier P (1986) Production and characterization of a monoclonal islet cell surface autoantibody from the BB rat. Diabetologia 29:330-333.

**CONDITIONS**

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.