

PRODUCT SPECIFICATION

Anti-Hemopexin

Mouse monoclonal antibody, biotinylated ABS 013-04 B

Subclass: IgG2b/k

PRODUCT NO.

PRESENTATION

Preparation: Biotinylated

Content: 100 µL, 1 mg/mL +/- 15%. See Certificate of Analysis for details.

Solvent: 0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl and 15 mM sodium azide

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

ANTIGEN

Hemopexin is a serum glycoprotein that binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation. Structurally hemopexin consists of two similar halves of approximately 200 amino acid residues connected by a histidine-rich hinge region. Each half is itself formed by the repetition of a basic unit of some 35 to 45 residues.

IMMUNOGEN

Hemopexin purified from human plasma adsorbed onto aluminum hydroxide gel

SPECIFICITY

ABS 013-04 is specific for human hemopexin

EPIOTOPE SPECIFICITY

Epitope of ABS 013-04 differs from ABS 013-32

REACTIVITY

ABS 013-04 binds hemopexin when coated on ELISA wells.

ABS 013-04 (biotinylated) works as a detection antibody in sandwich ELISA when coating with ABS 013-32.

CULTURE MEDIUM

RPMI 1640 with 10% fetal calf serum

FUSION PARTNER

SP2mIL6

IMMUNIZATION

NMRI x BALB/c mice immunized by intraperitoneal injection

APPLICATION

Method	Usability	References
ELISA	Yes	
Immunoblotting	Not determined	
Immunohistochemistry	Not determined	

REFERENCES

CONDITIONS

All products are supplied on the understanding that they are for in vitro use only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The animals from which this product was derived have not been exposed to or inoculated with any livestock or poultry disease agents exotic to the United States or Western Europe, and did not originate from facilities where work with exotic disease agents affecting livestock or avian species is carried out.