

**Anti-Hemopexin  
Mouse monoclonal antibody**

Subclass: IgG2b/k

PRODUCT NO.

**ABS 013-04**

Clone: 4

PRESENTATION

Preparation: Protein-A/G purified

Content: 200 µL, 1 mg/mL

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

Storage: In the dark at 4-8°C

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

EPI TOPE 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	Dilution guideline	References
ELISA	Yes	1/10,000	
Immunoblotting	Yes		
Immunohistochemistry	Not determined		

The dilution guideline for ELISA is based on use as detection antibody for antigen coated at 0.1-1 µg/ml. Users should determine the optimal dilutions for their own purposes.

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.