



**Anti Hemopexin
Mouse monoclonal antibody**

Subclass: IgG2b/k

PRODUCT NO. **ABS 013-04**

PRESENTATION Preparation: Protein-A/G purified
Content: 200 µL and 1 mL, 1 mg/mL
Solvent: 0.01 M phosphate buffer, pH 7.4, with 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 two hundred 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

SPECIFICITY ABS 013-04 is specific for human hemopexin

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

REACTIVITY ABS 013-04 binds hemopexin when coated on ELISA wells or presented by an antibody capture coat of ABS 013-32.

CULTURE MEDIUM RPMI 1640 with 10% fetal calf serum

FUSION PARTNER SP2mIL6.

IMMUNIZATION NMRI x BALB/c mice immunized i.p. with immunogen adsorbed onto Al(OH)₃

APPLICATION

Method	Usability	Dilution guideline	References
ELISA	Yes	1:10,000	
Immunoblotting	Not determined		
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.