

**Anti-Hemopexin
Mouse monoclonal antibody**

Subclass: IgG2b/k

PRODUCT NO.

ABS 013-04

Clone: 4

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

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 detecton 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	Yes	
Immunohistochemistry	Not determined	

REFERENCES

CONDITIONS

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