ANTIBODYSHOP®

PRODUCT SPECIFICATION

11/05/2009

Anti-Hemopexin
Mouse monoclonal antibody

PRODUCT NO. **ABS 013-32**

Subclass: IgG1/k

Clone: 32

PRESENTATION

Preparation:	Protein-A/G purified
Content:	Available in 200 µL and 1 mL volumes, 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 4-8ºC

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 013-32 is specific for human hemopexin

EPITOPE SPECIFICITY

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

REACTIVITY

ABS 013-32 binds hemopexin when coated on ELISA wells.

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

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	1/20,000	
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

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