Anti-Hemopexin

CAT. NO. ABS 013-04

OVERVIEW

Product Name	Anti-Hemopexin	**Conjugation**	Unconjugated
Description	Mouse monoclonal antibody	**Host**	Mouse
Isotype	IgG2b/k	**Clone**	4
Tested Applications	ELISA, WB		

SPECIFICITY

Specificity	ABS 013-04 is specific for human hemopexin. Epitope of ABS 013-04 differs from ABS 013-32.		
Immunogen	Hemopexin purified from human plasma	**Gene ID**	3263
Target	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.		
Species Reactivity POSITIVE	Human	**Species Reactivity NEGATIVE**	Not determined

PROPERTIES

Form	Liquid	**Unit Size**	0,4 mL and 1 mL
Concentration	1 mg/mL ±15%, See CoA for lot details		
Purification	Protein A or Protein G purified	**Purification Notes**	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

ELISA	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.
WB	ABS 013-04 can be used in Western blotting.

SCIENTIFIC REFERENCES

N/A