

Haptoglobin Monoclonal Antibody (2F4)

Catalog Number      LF-MA0158

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Mouse / IgG1	Tested Applications	Dilution *
Class	Monoclonal		
Type	Antibody		
Clone	2F4	ELISA (ELISA)	Assay-dependent
Immunogen	Protein purified from Human plasma	Western Blot (WB)	0.5 µg/mL
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	1 mg/mL		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

A suggested positive control for this product is human plasma.

Background/Target Information

Haptoglobin is an a2-globulin plasma protein synthesized in the liver. It is an acute phase protein which also acts as a scavenger of hemoglobin from hemolyzed red cells. The haptoglobin monomer consists of two a and two beta chains; the a chains bay be hp1Fa, hp1Sa, or hp2a types while the beta chain is constant. Three major phenotypes are recognized: HP1-1, Hp2-1 and Hp-2-2, in which the hp1a chain bay be either the F or S type.

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