

## anti- HP antibody

### Product Information

Catalog No.:	FNab03990
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	7C8
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

As a result of hemolysis, hemoglobin is found to accumulate in the kidney and is secreted in the urine. Haptoglobin captures, and combines with free plasma hemoglobin to allow hepatic recycling of heme iron and to prevent kidney damage. Haptoglobin also acts as an Antimicrobial; Antioxidant, has antibacterial activity and plays a role in modulating many aspects of the acute phase response. Hemoglobin/haptoglobin complexes are rapidly cleared by the macrophage CD163 scavenger receptor expressed on the surface of liver Kupfer cells through an endocytic lysosomal degradation pathway. Uncleaved haptoglobin, also known as zonulin, plays a role in intestinal permeability, allowing intercellular tight junction disassembly, and controlling the equilibrium between tolerance and immunity to non-self antigens.

### Immunogen information

Immunogen:	haptoglobin
Synonyms:	BP, HAPT, haptoglobin, HP, HP2 ALPHA 2, HPA1S, Zonulin
Observed MW:	42 kDa
Uniprot ID :	P00738

### Application

1

#### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

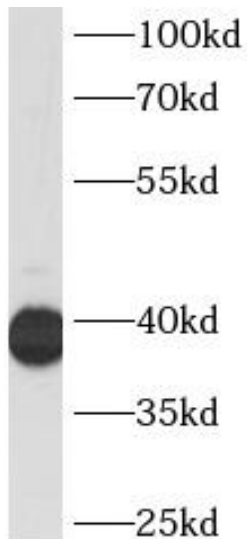
Tel : (0086)027-87384275

Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Pig  
Tested Application: ELISA, WB  
Recommended dilution: WB: 1:2000 - 1:20000

Image:



0.5  $\mu$ l human plasma was subjected to SDS PAGE followed by western blot with FNab03990 (HP Antibody) at dilution of 1:20000