

**Anti-HP / Haptoglobin Antibody (clone 637400)**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # ALS18009****Specification**

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**Anti-HP / Haptoglobin Antibody (clone 637400) - Product Information**

Application	IHC-P, E
Primary Accession	<a href="#">P00738</a>
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	45205

**Anti-HP / Haptoglobin Antibody (clone 637400) - Additional Information****Gene ID** 3240**Alias Symbol** HP**Other Names**

HP, Binding peptide, Haptoglobin alpha(1S)-beta, Haptoglobin, beta polypeptide, Haptoglobin, Haptoglobin alpha(2FS)-beta, Haptoglobin, alpha polypeptide, HP2ALPHA2, BP, Zonulin, HPA1S

**Target/Specificity**

Does not cross - react with human IgG, transferrin, CRP, albumin, hemoglobin, or a -1 Acid Glycoprotein as determined by competitive ELISA or Immunoblot. Reacts against native and denatured (non-reduced) human haptoglobin in an immuno blot or dot blot ...

**Reconstitution & Storage**

Ascites

**Precautions**

Anti-HP / Haptoglobin Antibody (clone 637400) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-HP / Haptoglobin Antibody (clone 637400) - Protein Information****Name** HP**Function**

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 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.

**Cellular Location**

Secreted.

**Tissue Location**

Expressed by the liver and secreted in plasma.

**Anti-HP / Haptoglobin Antibody (clone 637400) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-HP / Haptoglobin Antibody (clone 637400) - Images**