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Anti-HP / Haptoglobin Antibody (clone 637400)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18009

Product Information

Application	IHC-P, E
Primary Accession	P00738
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	637400
Calculated MW	45205
Concentration (mg/ml)	3.6 mg/ml

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 animmuno 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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.