

Anti-HP / Haptoglobin Antibody (aa19-406)

Mouse Anti Human Monoclonal Antibody Catalog # ALS17767

Specification

Anti-HP / Haptoglobin Antibody (aa19-406) - Product Information

Application WB, IHC-P, E
Primary Accession P00738
Predicted Human
Host Mouse
Clonality Monoclonal
Isotype IgG1
Calculated MW 45205

Anti-HP / Haptoglobin Antibody (aa19-406) - 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

Anti-Haptoglobin recognizes Haptoglobin expression in BGC823 whole cell lysate.

Reconstitution & Storage

Affinity purified

Precautions

Anti-HP / Haptoglobin Antibody (aa19-406) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HP / Haptoglobin Antibody (aa19-406) - 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 (aa19-406) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-HP / Haptoglobin Antibody (aa19-406) - Images