

产品名称: Haptoglobin (11E4) Rabbit Monoclonal Antibody
产品货号: AMRe11898



产品概述 (Summary)

产品名称 (Production Name)	Haptoglobin (11E4) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,FC,IF-P
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HP
别名 (Alternative Names)	Binding peptide; Haptoglobin alpha chain; Haptoglobin beta chain; HP2ALPHA2; HPA1S; Zonulin;
基因 ID (Gene ID)	3240.0
蛋白 ID (SwissProt ID)	P00738.Recombinant protein of human Haptoglobin

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:1000-1:5000,FC 1:200-1:1000,IF-P 1:1000-1:5000
蛋白分子量 (Molecular Weight)	39kDa

研究背景 (Background)

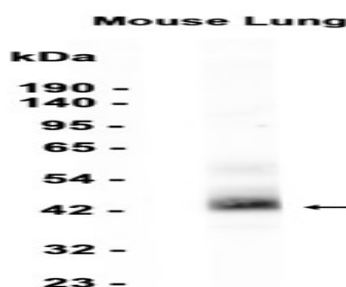
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Hemoglobin/haptoglobin complexes are rapidly cleared by the macrophage CD163 scavenger receptor expressed on the surface of liver Kupfer cells through an endocytic lysosomal degradation pathway. Uncleaved haptoglobin, also known as zonulin, plays a role in intestinal permeability, allowing intercellular tight junction disassembly, and controlling the equilibrium between tolerance and immunity to non-self antigens. 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.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of extracts from Mouse lung tissue using RM5147 at 1:1000.

注意事项 (Note)

For research use only .