

### Anti-Haptoglobin antibody ab97976

1 References [画像数 2](#)

医薬用外劇物

#### 製品の概要

製品名	Anti-Haptoglobin antibody
製品の詳細	Rabbit polyclonal to Haptoglobin
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, ICC/IF
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Rabbit, Dog 
免疫原	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 57-392 of Human Haptoglobin (NP_005134)
ポジティブ・コントロール	HeLa whole cell lysate ( <a href="#">ab150035</a> ) and HeLa cells
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 79.99% PBS, 20% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

## アプリケーション

### The Abpromise guarantee

**Abpromise保証は、**次のテスト済みアプリケーションにおけるab97976の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 45 kDa.
ICC/IF		1/100 - 1/200.

## ターゲット情報

### 機能

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.

### 組織特異性

Expressed by the liver and secreted in plasma.

### 関連疾患

Anhaptoglobinemia

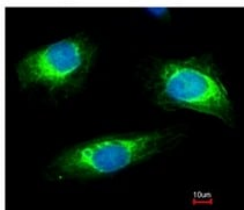
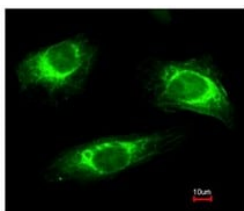
### 配列類似性

Belongs to the peptidase S1 family.  
Contains 1 peptidase S1 domain.  
Contains 2 Sushi (CCP/SCR) domains.

### 細胞内局在

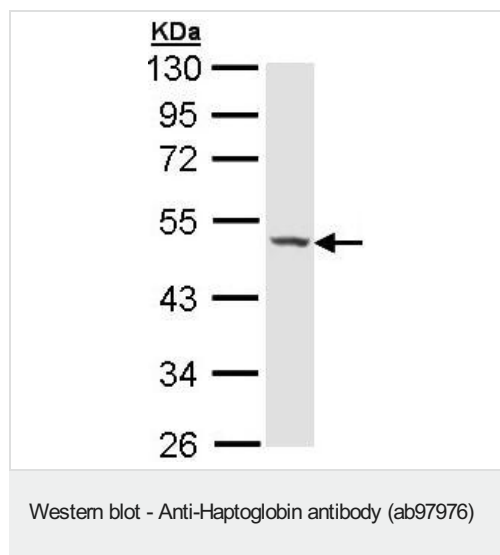
Secreted.

## 画像



Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, using ab97976 at 1/200 dilution. Lower image is merged with DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-Haptoglobin antibody (ab97976)



Anti-Haptoglobin antibody (ab97976) at 1/5000 dilution + HeLa whole cell lysate at 30 µg

**Predicted band size:** 45 kDa

10% SDS PAGE

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

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