

### Anti-Ferritin Heavy Chain antibody [EPR3005Y] ab75972

**重组** RabMAb

★★★★★ **3 Abreviews** **28 References** **10 图像**

#### 概述

产品名称	Anti-Ferritin Heavy Chain抗体[EPR3005Y]
描述	兔单克隆抗体[EPR3005Y] to Ferritin Heavy Chain
宿主	Rabbit
特异性	This antibody recognizes only the Ferritin heavy chain.
经测试应用	<b>适用于:</b> WB, IHC-P <b>不适用于:</b> ICC/IF
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide within Human Ferritin Heavy Chain aa 150-250 (C terminal). The exact sequence is proprietary. Database link: <b>P02794</b>
阳性对照	WB: Human fetal liver, SH-SY5Y, human brain and HeLa cell lysates. IHC: Human kidney, breast and tonsil tissue.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <b><a href="#">see here</a></b> . Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <b><a href="#">RabMAb® patents</a></b> . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide

	Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR3005Y
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab75972于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

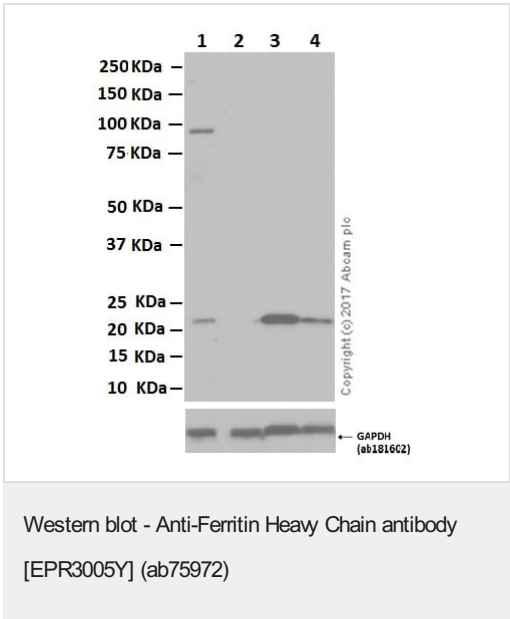
应用	Ab评论	说明
WB	★★★★★ (1)	1/500 - 1/2000. Detects a band of approximately 21 kDa (predicted molecular weight: 21 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.

应用说明

Is unsuitable for ICC/IF.

靶标

图片



**All lanes** : Anti-Ferritin Heavy Chain antibody [EPR3005Y] (ab75972) at 1/1000 dilution

**Lane 1** : MCF-7 (Human breast adenocarcinoma cell line) whole cell lysates prepared from 1% SDS Hot lysis method.

**Lane 2** : MCF-7 (Human breast adenocarcinoma cell line) whole cell lysates prepared from RIPA lysis method

**Lane 3** : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysates prepared from 1% SDS Hot lysis method

**Lane 4** : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysates prepared from RIPA lysis method

Lysates/proteins at 20 µg per lane.

**Secondary**

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000

dilution

**Predicted band size:** 21 kDa

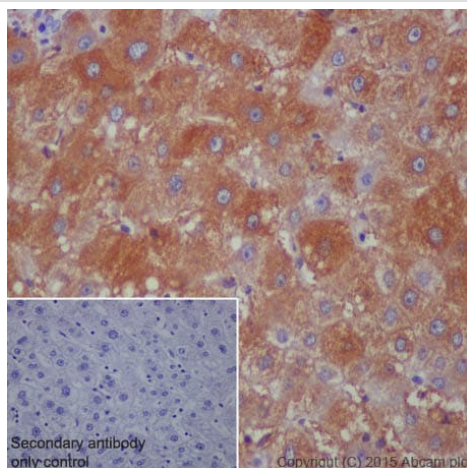
**Observed band size:** 21 kDa

**Exposure time:** 3 minutes

Blocking and diluting buffer: 5% NFDM/TBST

Ab75972 works better in some lysates prepared from 1% SDS Hot lysis method.

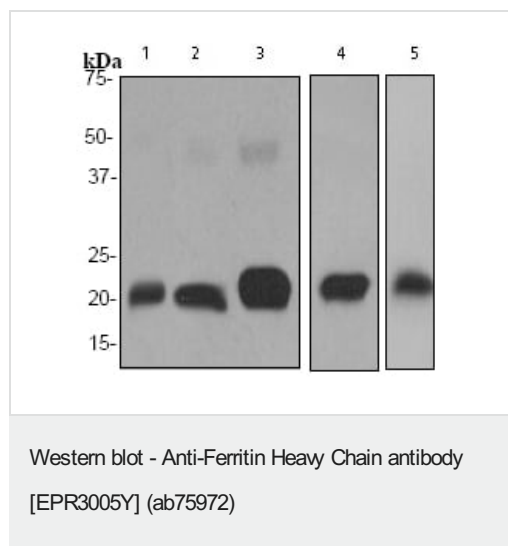
For Lysate preparation protocol, please refer to the protocol book in the protocol section and/or [here \(downloadable copy\)](#).



ab75972 staining Ferritin Heavy Chain in Human liver tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with paraformaldehyde and antigen retrieval was by heat mediation in a EDTA buffer. Samples were incubated with primary antibody at a dilution of 1/200. A goat anti-rabbit IgG H&L (HRP) [ab97051](#) was used as the secondary antibody at a dilution of 1/500.

**Negative control 1:** PBS in place of primary antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ferritin Heavy Chain antibody [EPR3005Y] (ab75972)



**Lanes 1-3 :** Anti-Ferritin Heavy Chain antibody [EPR3005Y]

(ab75972) at 1/500 dilution (unpurified)

**Lane 4 :** Anti-Ferritin Heavy Chain antibody [EPR3005Y]

(ab75972) at 1/2000 dilution (unpurified)

**Lane 5 :** Anti-Ferritin Heavy Chain antibody [EPR3005Y]

(ab75972) at 1/5000 dilution (unpurified)

**Lane 1 :** Human liver lysate

**Lane 2 :** SH-SY5Y (Human neuroblastoma cell line from bone marrow) cell lysate

**Lanes 3-4 :** Human brain lysate

**Lane 5 :** HeLa cell lysate

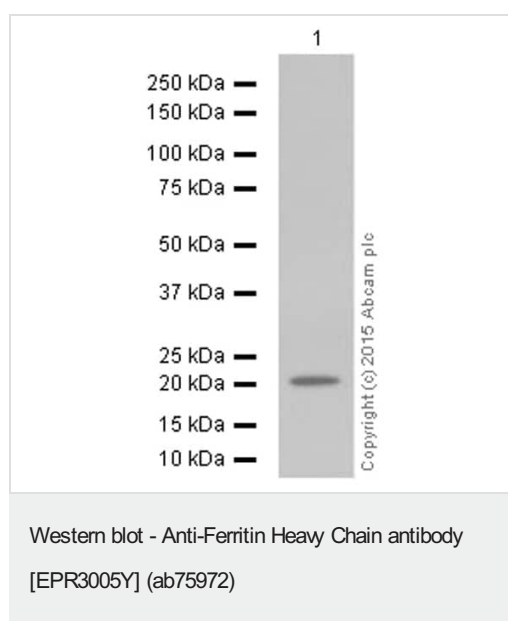
Lysates/proteins at 10 µg per lane.

## Secondary

**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 21 kDa

**Observed band size:** 21 kDa



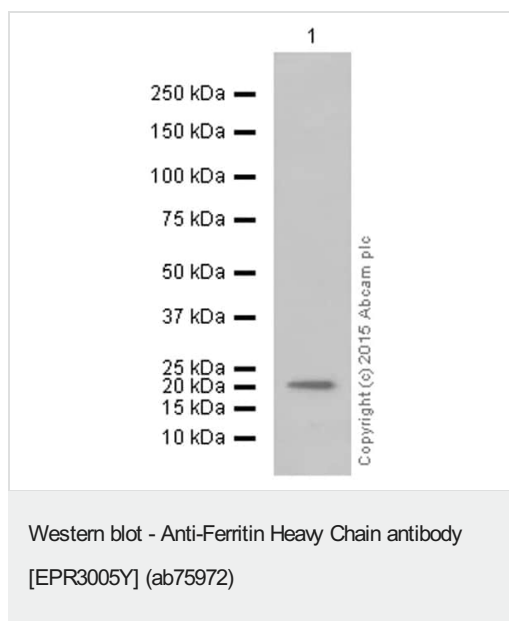
Anti-Ferritin Heavy Chain antibody [EPR3005Y] (ab75972) at

1/5000 dilution + Human fetal liver at 10 µg

## Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

**Predicted band size:** 21 kDa

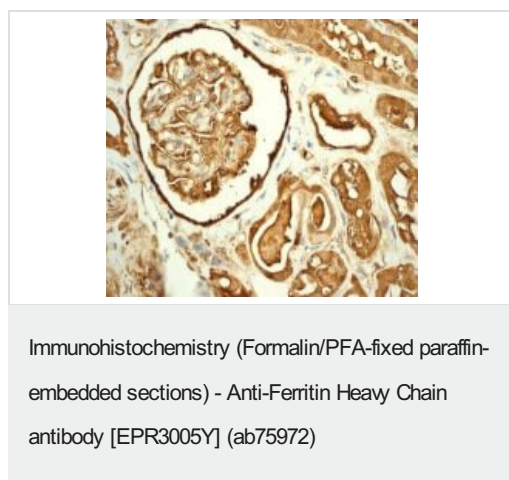


Anti-Ferritin Heavy Chain antibody [EPR3005Y] (ab75972) at 1/2000 dilution + HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 10 µg

### Secondary

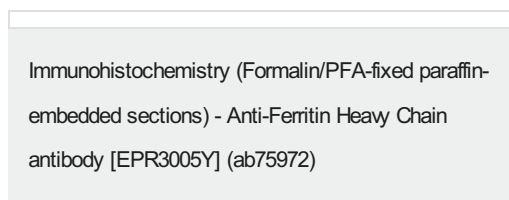
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 21 kDa



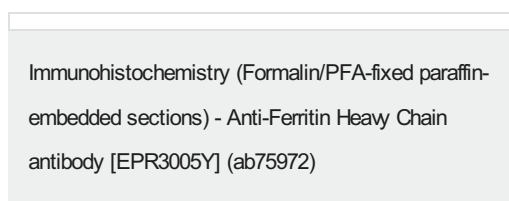
Unpurified ab75972 at 1/100 dilution staining Ferritin Heavy Chain in Human kidney tissue, using a HRP/AP polymerized secondary antibody.

Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.



Unpurified ab75972 showing positive staining in normal liver tissue.

Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.



Unpurified ab75972 showing positive staining in normal breast tissue.

Perform heat mediated antigen retrieval via the pressure cooker

method before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ferritin Heavy Chain antibody [EPR3005Y] (ab75972)

Unpurified ab75972 showing positive staining in normal tonsil tissue.

Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.

#### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Ferritin Heavy Chain antibody [EPR3005Y] (ab75972)

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