

Anti-Transferrin antibody ab47981

1 图像

概述	
产品名称	Anti-Transferrin抗体
描述	兔多克隆抗体to Transferrin
宿主	Rabbit
经测试应用	适用于: ICC/IF
种属反应性	与反应: Human
免疫原	Human Transferrin
常规说明	<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&As</p>
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 long term.
存储溶液	pH: 7.50 Preservative: 0.01% Thimerosal (merthiolate) Constituent: 50% Glycerol
纯度	Protein G purified
克隆	多克隆
同种型	IgG
应用	

The Abpromise guarantee **Abpromise™**承诺保证使用ab47981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
ICC/IF		

应用说明

ICC/IF: Use at a concentration of 1 µg/ml.
 ELISA: Use at an assay dependent dilution.
 RIA: Use at an assay dependent dilution.
 WB: Use at an assay dependent dilution. Predicted molecular weight: 77 kDa.

Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.

组织特异性

Expressed by the liver and secreted in plasma.

疾病相关

Defects in TF are the cause of atransferrinemia (ATRAF) [MIM:209300]. Atransferrinemia is rare autosomal recessive disorder characterized by iron overload and hypochromic anemia.

序列相似性

Belongs to the transferrin family.
 Contains 2 transferrin-like domains.

细胞定位

Secreted.

图片

Immunocytochemistry/ Immunofluorescence - Anti-Transferrin antibody (ab47981)

ICC/IF image of ab47981 stained HepG2 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab47981, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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