




Anti-H2R antibody ab39964

3 图像

概述

产品名称	Anti-H2R抗体
描述	山羊多克隆抗体to H2R
宿主	Goat
经测试应用	适用于: Flow Cyt, WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Dog 
免疫原	Synthetic peptide corresponding to Human H2R aa 335-349 (C terminal). Sequence: QEEKPLKLQVWSGTE <div>  Run BLAST with  Run BLAST with </div>
阳性对照	WB: Human tonsil tissue lysate; Flow Cyt: HeLa cells ICC/IF: HeLa cells
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 0.5% Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆

同种型IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab39964于以下的经测试应用

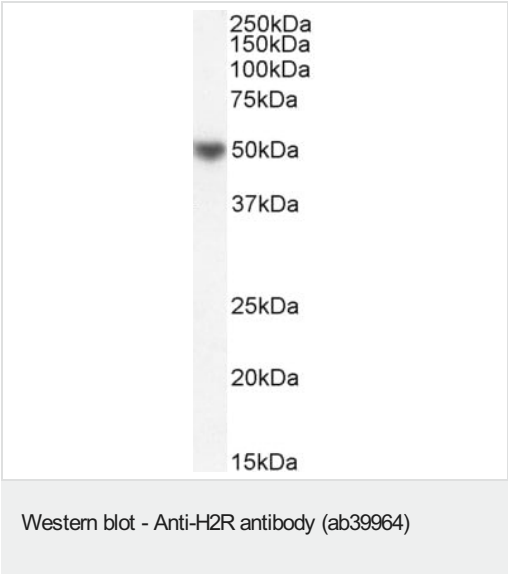
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use a concentration of 10 µg/ml.
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 40 kDa. A 1 hour primary incubation is recommended for this product.
ICC/IF		Use a concentration of 10 µg/ml.

靶标

功能	The H2 subclass of histamine receptors mediates gastric acid secretion. Also appears to regulate gastrointestinal motility and intestinal secretion. Possible role in regulating cell growth and differentiation. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and, through a separate G protein-dependent mechanism, the phosphoinositide/protein kinase (PKC) signaling pathway.
序列相似性	Belongs to the G-protein coupled receptor 1 family.
细胞定位	Cell membrane.

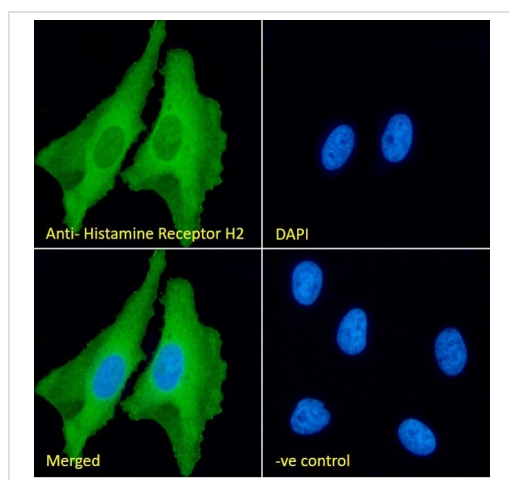
图片



Anti-H2R antibody (ab39964) at 1 µg/ml + Human tonsil tissue lysates (35µg protein in RIPA buffer)

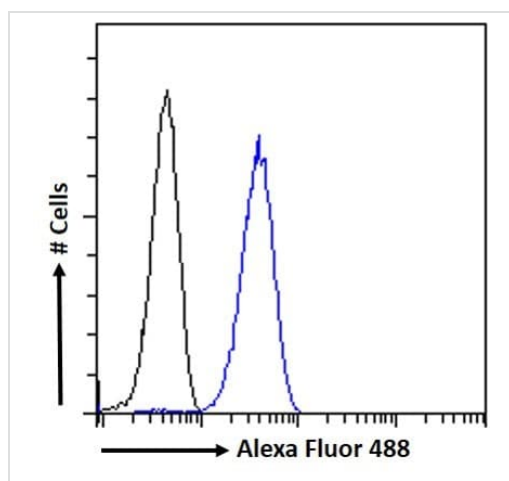
Predicted band size: 40 kDa

Detected by chemiluminescence.



Immunocytochemistry/ Immunofluorescence - Anti-H2R antibody (ab39964)

Immunocytochemistry/Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL).



Flow Cytometry - Anti-H2R antibody (ab39964)

Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/mL) followed by Alexa Fluor 488 secondary antibody (1µg/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

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

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