

Datasheet for ABIN185463
anti-HRH2 antibody (C-Term)

6 Images

1 Publication

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Overview

Quantity:	100 µg
Target:	HRH2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HRH2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Histamine Receptor H2
Immunogen:	Peptide with sequence C-QEEKPLKLQVWSGTE, from the C Terminus of the protein sequence according to NP_071640.1, NP_001124527.1.
Sequence:	QEEKPLKLQV WSGTE
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	HRH2
Alternative Name:	HRH2 (HRH2 Products)
Background:	HRH2, histamine receptor H2, HGNC:5183, H2R, gastric receptor 1, OTTHUMP00000161242
Gene ID:	3274
NCBI Accession:	NP_001124527 , NP_001354640

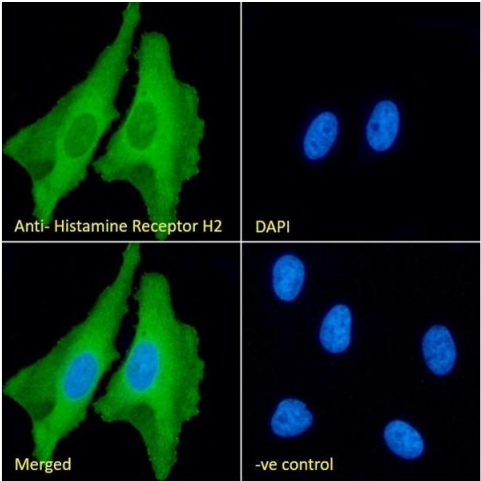
Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in Human Tonsil lysates (calculated MW of 46.9 kDa according to Human NP_001354640.1). Recommended concentration: 1-3 µg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HeLa cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.<
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Product cited in: Peng, Zhuang, He, Zhu, Wang: "Histamine excites neurons of the inferior vestibular nucleus in rats by activation of H1 and H2 receptors." in: **Neuroscience letters**, Vol. 541, pp. 87-92, (2013) ([PubMed](#)).

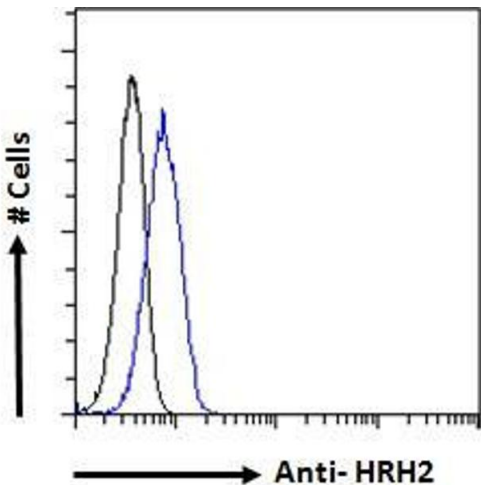


Immunofluorescence

Image 1. (ABIN185463) Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).

Western Blotting

Image 2. ABIN185463 (1µg/ml) staining of Human Tonsil lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Flow Cytometry

Image 3. ABIN185463 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Images

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN185463.