

Datasheet for ABIN7043272

**anti-HRH4 antibody (1st Extracellular Loop)****2** Images[Go to Product page](#)

## Overview

Quantity:	50 µL
Target:	HRH4
Binding Specificity:	1st Extracellular Loop, AA 75-87
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HRH4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: HTLFEWDFGKEIC, corresponding to amino acids 75-87 of human HRH4
Isotype:	IgG
Characteristics:	Anti-Human Histamine H4 Receptor (HRH4) (extracellular) Antibody is directed against an epitope located at the 1st extracellular loop of the human histamine H4 receptor. Anti-Human Histamine H4 Receptor (HRH4) (extracellular) Antibody (ABIN7043272, ABIN7044510 and ABIN7044511)) can be used in western blot and indirect flow cytometry applications, and recognizes H4R from human samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

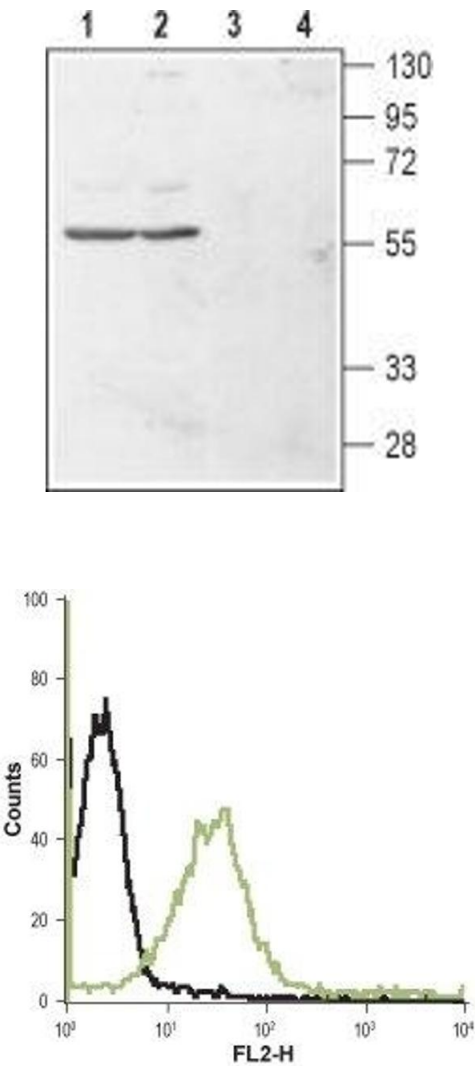
Target:	HRH4
Alternative Name:	Histamine H4 Receptor (HRH4) ( <a href="#">HRH4 Products</a> )
Background:	Alternative names: Histamine H4 Receptor (HRH4), H4R, HH4R, G-protein coupled receptor 105, GPCR105, GPRv53, AXOR35
Gene ID:	59340
NCBI Accession:	<a href="#">NM_001143828</a>
UniProt:	<a href="#">Q9H3N8</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.7 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

**Image 1.** Western blot analysis of human chronic myelogenous leukemia (K562) (lanes 1 and 3) and human promyelocytic leukemia (HL-60) (lanes 2 and 4) cell lysates: - 1,2. Anti-Human Histamine H4 Receptor (HRH4) (extracellular) Antibody (ABIN7043272, ABIN7044510 and ABIN7044511), (1:400).3,4. Anti-Human Histamine H4 Receptor (HRH4) (extracellular) Antibody, preincubated with Human Histamine H4 Receptor/HRH4 (extracellular) Blocking Peptide (#BLP-HR004).

Flow Cytometry

**Image 2.** Cell surface detection of Histamine H4 receptor in live intact Jurkat (acute T-cell leukemia) cell lines: (black line) Unstained cells + goat-anti-rabbit-PE. (green line) Cells+ Anti-Human Histamine H4 Receptor (HRH4) (extracellular) Antibody (ABIN7043272, ABIN7044510 and ABIN7044511), (1:20) + goat-anti-rabbit-PE.