

Anti-HRH3 Antibody (8E966)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8E966
Purification:	Affinity-chromatography

Applications

Verified Activity:	Overlay Peak curve showing SH-SY5Y cells surface stained with TMAH-00566 (red line) at 1:50. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1*10 ⁶ cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1µg/1*10 ⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.
Application:	ELISA,FCM
Recommended	FCM:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human HRH3
Antigen Species:	Human
Gene ID:	11255
Uniprot ID:	Q9Y5N1
Synonyms:	H3R;GPCR97;G-protein coupled receptor 97;HH3R;Histamine H3 receptor;HRH 3
Biology Area:	Neuroscience

Research Background

The H3 subclass of histamine receptors could mediate the histamine signals in CNS and peripheral nervous system. Signals through the inhibition of adenylate cyclase and displays high constitutive activity (spontaneous activity in the absence of agonist). Agonist stimulation of isoform 3 neither modified adenylate cyclase activity nor induced intracellular calcium mobilization.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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