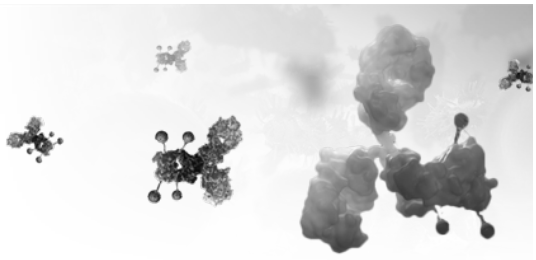

Mouse anti-Human HRH3 monoclonal antibody, clone 2E8 (CABT-B10427)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	HRH3 (NP_009163, 257 a.a. ~ 360 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2E8
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	GCWGCWQKGHGEAMPLHRYGVGEAAVGAEAGEATLGGGGGGGSVASPTSSSGSSSRGTERPRSLKRGSKPSASSASLEKRMKMVSQSFTQRFRLSRDRKVAKS*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by histamine receptors H1, H2, H3 and H4.

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	This gene encodes one of the histamine receptors (H3) which belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and can regulate neurotransmitter release. This receptor can also increase voltage-dependent calcium current in smooth muscles and innervates the blood vessels and the heart in cardiovascular system. [provided by RefSeq, Jul 2008]
Keywords	HRH3; histamine receptor H3; HH3R; GPCR97; histamine H3 receptor; H3R; G protein-coupled receptor 97; G-protein coupled receptor 97;

GENE INFORMATION

Entrez Gene ID	11255
UniProt ID	Q9Y5N1
Pathway	Amine ligand-binding receptors, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem
Function	G-protein coupled receptor activity; histamine receptor activity; receptor activity

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