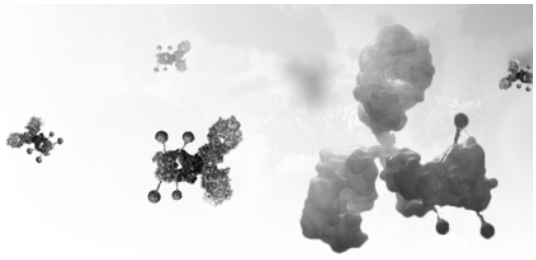

Mouse anti-Human GNRHR2 monoclonal antibody, clone 5B6 (CABT-B10349)

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

PRODUCT INFORMATION

Immunogen	GNRHR2 (NP_476504.2, 237 a.a. ~ 293 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	5B6
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	TLGCRRGHQELSIDSSKEGSGRMLQEEIHAFRQLEVQKTVTSRRAGETKGISITSI*
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	In non-hominoid primates and non-mammalian vertebrates, the gonadotropin releasing hormone 2 receptor gene (GnRHR2) encodes a seven-transmembrane G-protein coupled receptor. However, in human, the corresponding reading frame contains a premature stop

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	codon, which has been suggested to encode a selenocysteine residue, but there is no solid evidence for selenocysteine incorporation (PMID: 12538601). It appears that the human GnRHR2 transcription occurs but the gene does not likely produce a functional multi-transmembrane protein. A non-transcribed pseudogene of GnRHR2 is located on chromosome 14. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2013]
Keywords	GNRHR2; gonadotropin-releasing hormone (type 2) receptor 2, pseudogene; GnRH-II-R;

GENE INFORMATION

Entrez Gene ID	114814
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Hormone ligand-binding receptors, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem
Function	G-protein coupled receptor activity; gonadotropin-releasing hormone receptor activity; receptor activity

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