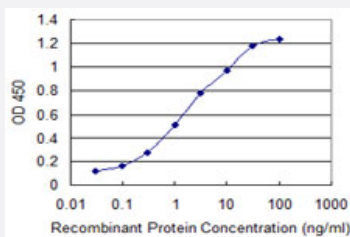


# GNRHR2 monoclonal antibody (M02), clone 1A5

Catalog # H00114814-M02

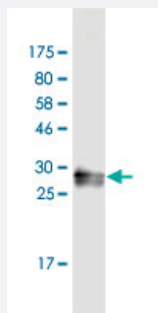
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GNRHR2 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (31.9 KDa) .

## Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GNRHR2.
Immunogen	GNRHR2 (NP_001457, 237 a.a. ~ 292 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TLGCRRGHQELSIDSSKEGSGRMLQEEIHAFRQLEVQKTVTSRRAGETKGISITSI
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (31.9 KDa) .

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GNRHR2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — GNRHR2

**Entrez GeneID**

[114814](#)

**GeneBank Accession#**

[NM\\_057163](#)

**Protein Accession#**

[NP\\_001457](#)

**Gene Name**

GNRHR2

**Gene Alias**

GnRH-II-R

**Gene Description**

gonadotropin-releasing hormone (type 2) receptor 2

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

The receptor for gonadotropin releasing hormone 2 (GnRH2) is encoded by the GnRH2 receptor ( GNRHR2) gene. In non-hominoid primates and non-mammalian vertebrates, GNRHR2 encodes a seven-transmembrane G-protein coupled receptor. However, in human, the N-terminus of the predicted protein contains a frameshift and premature stop codon. In human, GNRHR2 transcription occurs but whether the gene produces a functional C-terminal multi-transmembrane protein is currently unresolved. Alternative splice variants have been reported. An untranscribed pseudogene of GNRHR2 is also on chromosome 14. [provided by RefSeq]

**Other Designations**

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## Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)