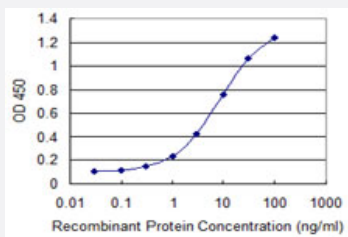


# LGR4 monoclonal antibody (M03), clone 8F6

Catalog # H00055366-M03

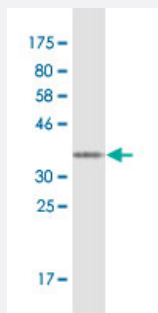
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CNR2 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant LGR4.
<b>Immunogen</b>	LGR4 (NP_060960.1, 852 a.a. ~ 950 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	QGNLTVCDCCESFLLTKPVSCCKHLIKSHSCPALAVASCQRPEGYWSDCGTQSAHSYADEEDS FVSDSSDQVQACGRACFYQSRGFPLVRYAYNLPRVK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human

Interspecies Antigen Sequence	Mouse (90); Rat (90)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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 CNR2 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — LGR4

Entrez GeneID	<a href="#">55366</a>
GeneBank Accession#	<a href="#">NM_018490</a>
Protein Accession#	<a href="#">NP_060960.1</a>
Gene Name	LGR4
Gene Alias	GPR48
Gene Description	leucine-rich repeat-containing G protein-coupled receptor 4
Omim ID	<a href="#">606666</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

G protein-coupled receptors (GPCRs) play key roles in a variety of physiologic functions. Members of the leucine-rich GPCR (LGR) family, such as GPR48, have multiple N-terminal leucine-rich repeats (LRRs) and a 7-transmembrane domain (Weng et al., 2008 [PubMed 18424556]).[supplied by OMIM]

**Other Designations**

G protein-coupled receptor 48|G-protein-coupled receptor 48

**Pathway**

- [Neuroactive ligand-receptor interaction](#)