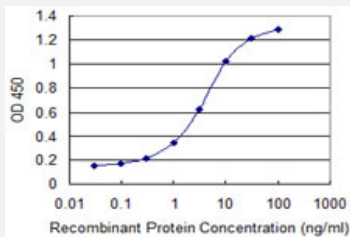


GPR161 monoclonal antibody (M01), clone 1B2

Catalog # H00023432-M01

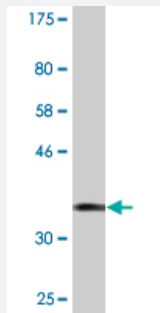
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GPR161 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GPR161.
Immunogen	GPR161 (NP_722561.1, 362 a.a. ~ 460 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SNRITDLGLSPHLTALMAGGQPLGHSSSTGDTGFSCSQDSGTDMMLEDYTSDDNPPSHCTCPP KRRSSVTFEDEVQIKEAAKNSILHVKAIEVHKSLD
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.63 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 GPR161 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GPR161

Entrez GeneID

[23432](#)

GeneBank Accession#

[NM_153832](#)

Protein Accession#

[NP_722561.1](#)

Gene Name

GPR161

Gene Alias

FLJ33952, RE2

Gene Description

G protein-coupled receptor 161

Gene Ontology

[Hyperlink](#)

Gene Summary

Upon ligand binding, G protein-coupled receptors, such as GPR161, activate cytoplasmic G proteins (see GNAS, MIM 139320), allowing the receptors to transduce extracellular signals across the plasma membrane into the cell. Phosphorylation of the receptor attenuates signaling (Matteson et al., 2008 [PubMed 18250320]).[supplied by OMIM]

Other Designations

G-protein coupled receptor|OTTHUMP00000032585|OTTHUMP00000032586|OTTHUMP00000032587

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Osteoporosis](#)