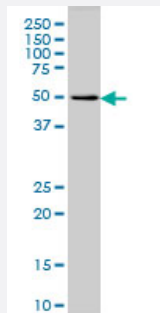


GPR24 monoclonal antibody (M01), clone 3D7

Catalog # H00002847-M01

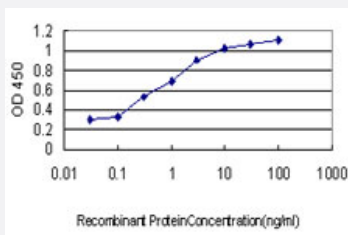
Size 100 ug

Applications



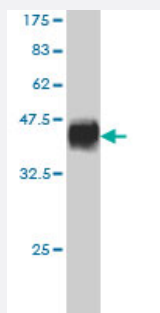
Western Blot (Cell lysate)

GPR24 monoclonal antibody (M01), clone 3D7 Western Blot analysis of GPR24 expression in HL-60 (Cat # L014V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GPR24 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GPR24.

Immunogen	GPR24 (AAH01736, 14 a.a. ~ 113 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VGLGGSGGCQATEEDPLPDCGACAPGQGRRWRLPQPAWVEGSSARLWEQATGTGWMDLE ASLLPTGPNASNTSDGPDNLTSAGSPRTGSISYNIIMP
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Cell lysate)

GPR24 monoclonal antibody (M01), clone 3D7 Western Blot analysis of GPR24 expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GPR24 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — MCHR1

Entrez GeneID	2847
GeneBank Accession#	BC001736
Protein Accession#	AAH01736

Gene Name	MCHR1
Gene Alias	GPR24, MCH1R, MGC32129, SLC1
Gene Description	melanin-concentrating hormone receptor 1
Omim ID	601751
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene, a member of the G protein-coupled receptor family 1, is an integral plasma membrane protein which binds melanin-concentrating hormone. The encoded protein can inhibit cAMP accumulation and stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptors, this protein does not seem to bind somatostatin. [provided by RefSeq]
Other Designations	G protein-coupled receptor 24 G-protein coupled receptor 24

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hyperphagia](#)
- [Insulin Resistance](#)
- [NARP](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Postmortem Changes](#)

- [Puberty](#)
- [Schizophrenia](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)