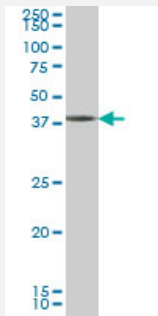


GDF7 monoclonal antibody (M04), clone 3C2

Catalog # H00151449-M04

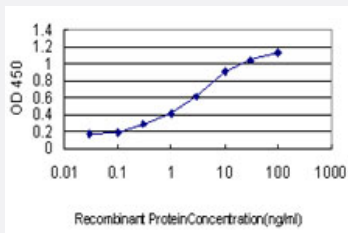
Size 100 ug

Applications



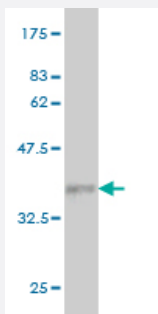
Western Blot (Cell lysate)

GDF7 monoclonal antibody (M04), clone 3C2. Western Blot analysis of GDF7 expression in FHs 173 WE.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GDF7 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GDF7.

Immunogen	GDF7 (NP_878248, 361 a.a. ~ 450 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LGWDDWIIAPLDYEAYHCEGLCDFPLRSHLEPTNHAIQTLLNSMAPDAAPASCCVPARLSPISILYI DAANNVVKQYEDMVVEACGCR
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 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)

GDF7 monoclonal antibody (M04), clone 3C2. Western Blot analysis of GDF7 expression in FHs 173 WE.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GDF7 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GDF7

Entrez GeneID	151449
GeneBank Accession#	NM_182828
Protein Accession#	NP_878248

Gene Name	GDF7
Gene Alias	BMP12
Gene Description	growth differentiation factor 7
Omim ID	604651
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the bone morphogenetic protein (BMP) family. BMPs belong to the transforming growth factor-beta superfamily of secreted signalling molecules that regulate diverse processes in growth, repair and embryonic development. In mouse, this gene functions as an inductive signal from the roof plate required for the specification of neuronal identity in the dorsal spinal cord. [provided by RefSeq]
Other Designations	OTTHUMP00000115986

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [TGF-beta signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)