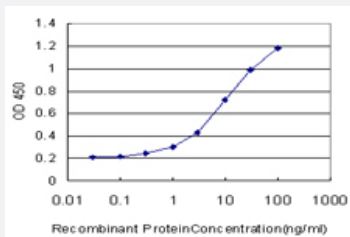


GDF2 monoclonal antibody (M01), clone 4D2

Catalog # H00002658-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GDF2 is approximately 0.3ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GDF2.
Immunogen	GDF2 (NP_057288, 320 a.a. ~ 419 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SAGAGSHCQKTSLRVNFEDIGWDSWIAPKEYEAYECKGGCFFPLADDVTPTKHANQTLVHLKFP TKVGKACCVPTKLSPISVLYKDDMGVPTLKYHYE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (94)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GDF2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GDF2

Entrez GeneID [2658](#)

GeneBank Accession# [NM_016204](#)

Protein Accession# [NP_057288](#)

Gene Name GDF2

Gene Alias BMP-9, BMP9

Gene Description growth differentiation factor 2

Omim ID [605120](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons. [provided by RefSeq]

Other Designations OTTHUMP00000019538|bone morphogenetic protein 9

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Liver Cirrhosis](#)

- [Mental Disorders](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)