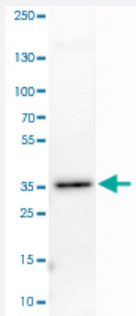


GDF15 monoclonal antibody, clone CL0328

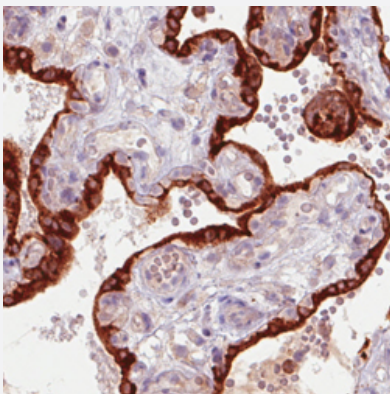
Catalog # MAB15605 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of RT-4 cell lysate with GDF15 monoclonal antibody, clone CL0328 (Cat # MAB15605).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with GDF15 monoclonal antibody, clone CL0328 (Cat # MAB15605) shows strong immunoreactivity in the trophoblast layer.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human GDF15.
Immunogen	Recombinant protein corresponding to human GDF15.
Epitope	This antibody binds to an epitope located within the peptide sequence NQSWEDSNTD as determined by overlapping synthetic peptides.
Sequence	LSLAEASRASFPGPSELHSEDSRFRELKRYEDLLTRLRANQSWEDSNTDLVPAPAVRILTPEVR LGSGGHLHLRISRALPEGLPEASRLHRLFRLSPTASRSWDVTRPLRRQLSLARPQAPALHLRL SPPPSQSDQL

Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of RT-4 cell lysate with GDF15 monoclonal antibody, clone CL0328 (Cat # MAB15605).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with GDF15 monoclonal antibody, clone CL0328 (Cat # MAB15605) shows strong immunoreactivity in the trophoblast layer.

Gene Info — GDF15

Entrez GeneID	9518
Protein Accession#	Q99988
Gene Name	GDF15
Gene Alias	GDF-15, MIC-1, MIC1, NAG-1, PDF, PLAB, PTGFB
Gene Description	growth differentiation factor 15
Omim ID	605312
Gene Ontology	Hyperlink

Gene Summary

Bone morphogenetic proteins (e.g., BMP5; MIM 112265) are members of the transforming growth factor-beta (see TGFB1; MIM 190180) superfamily and regulate tissue differentiation and maintenance. They are synthesized as precursor molecules that are processed at a dibasic cleavage site to release C-terminal domains containing a characteristic motif of 7 conserved cysteines in the mature protein.[supplied by OMIM]

Other Designations

NSAID (nonsteroidal anti-inflammatory drug)-activated protein 1|PTGF-beta|prostate differentiation factor

Disease

- [Adenoma](#)
- [Adenomatous Polyps](#)
- [Alzheimer disease](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
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- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Prostate cancer](#)
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- [Pulmonary Disease](#)
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- [Werner syndrome](#)