

GDF15 monoclonal antibody, clone 23G10.E4.F8

Catalog # MAB8164

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of GDF15.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus end of human GDF15.
Host	Mouse
Reactivity	Human
Specificity	This antibody specifically reacts with the amino terminal end of human GDF15 protein from human tissues.
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% 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
- Enzyme-linked Immunoabsorbent Assay

Gene Info — GDF15

Entrez GeneID [9518](#)

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

Publication Reference

- [Changes in gene expression contribute to cancer prevention by COX inhibitors.](#)

Baek SJ, Eling TE.

Progress in Lipid Research 2005 Nov; 45(1):1.

- [H6D polymorphism in macrophage-inhibitory cytokine-1 gene associated with prostate cancer.](#)

Lindmark F, Zheng SL, Wiklund F, Bensen J, Balter KA, Chang B, Hedelin M, Clark J, Stattin P, Meyers DA, Adami HO, Isaacs W, Gronberg H, Xu J.

Journal of the National Cancer Institute 2004 Aug; 96(16):1248.

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