

Mouse anti-Human, Rat Growth Differentiation Factor 15 (GDF15) Monoclonal Antibody | anti-GDF15 antibody

Monoclonal Antibody to Growth Differentiation Factor 15 (GDF15)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152833	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

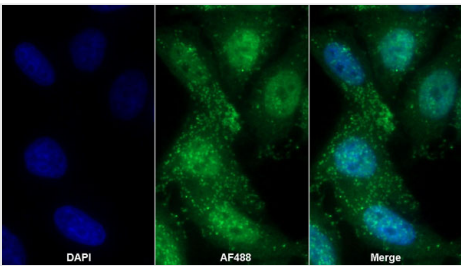
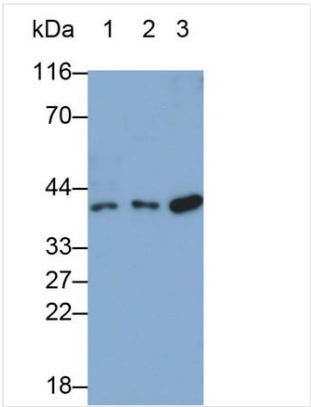
PRODUCT SYNONYMS

Growth Differentiation Factor 15 (GDF15); Monoclonal Antibody; Monoclonal Antibody to Growth Differentiation Factor 15 (GDF15); Growth Differentiation Factor 15; PDF; MIC1; NAG-1; PLAB; PTGFB; Macrophage inhibitory cytokine 1; NSAID-activated gene 1 protein; Placental bone morphogenetic protein; Prostate differentiation factor; anti-GDF15 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	E12
Specificity	The antibody is a mouse monoclonal antibody raised against GDF15. It has been selected for its ability to recognize GDF15 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Ala195-Ile308
Applicable Applications for anti-GDF15 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Eukaryotic Growth Differentiation Factor 15 (GDF15)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IF (Immunofluorescence)
AF488 staining on IF;Sample: HepG2 cellPrimary Ab: 30ug/ml Mouse Anti-human GDF15 AntibodySecond Ab: 2 ug/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

WB (Western Blot)
Western Blot; Sample: Lane1: Rat Prostate lysate; Lane2: HepG2 cell lysate; Lane3: K562 cell lysate Primary Ab: 0.6ug/ml Mouse Anti-human GDF15 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-GDF15 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Cytokine
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153792495
NCBI GeneID	9518
NCBI Accession #	NP_004855.2
NCBI GenBank Nucleotide #	NM_004864.2
UniProt Accession #	Q99988; O14629; P78360; Q9BWA0; Q9NRT0
Molecular Weight	34,140 Da
NCBI Official Full Name	growth/differentiation factor 15
NCBI Official Synonym Full Names	growth differentiation factor 15
NCBI Official Symbol	GDF15
NCBI Official Synonym Symbols	PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15
NCBI Protein Information	growth/differentiation factor 15; NRG-1; PTGF-beta; placental TGF-beta; NSAID-activated gene 1 protein; NSAID-regulated gene 1 protein; prostate differentiation factor; macrophage inhibitory cytokine 1; placental bone morphogenetic protein; NSAID (nonster
UniProt Protein Name	Growth/differentiation factor 15
UniProt Gene Name	GDF15
UniProt Synonym Gene Names	MIC1; PDF; PLAB; PTGFB; GDF-15; MIC-1; NAG-1; NRG-1
UniProt Entry Name	GDF15_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.