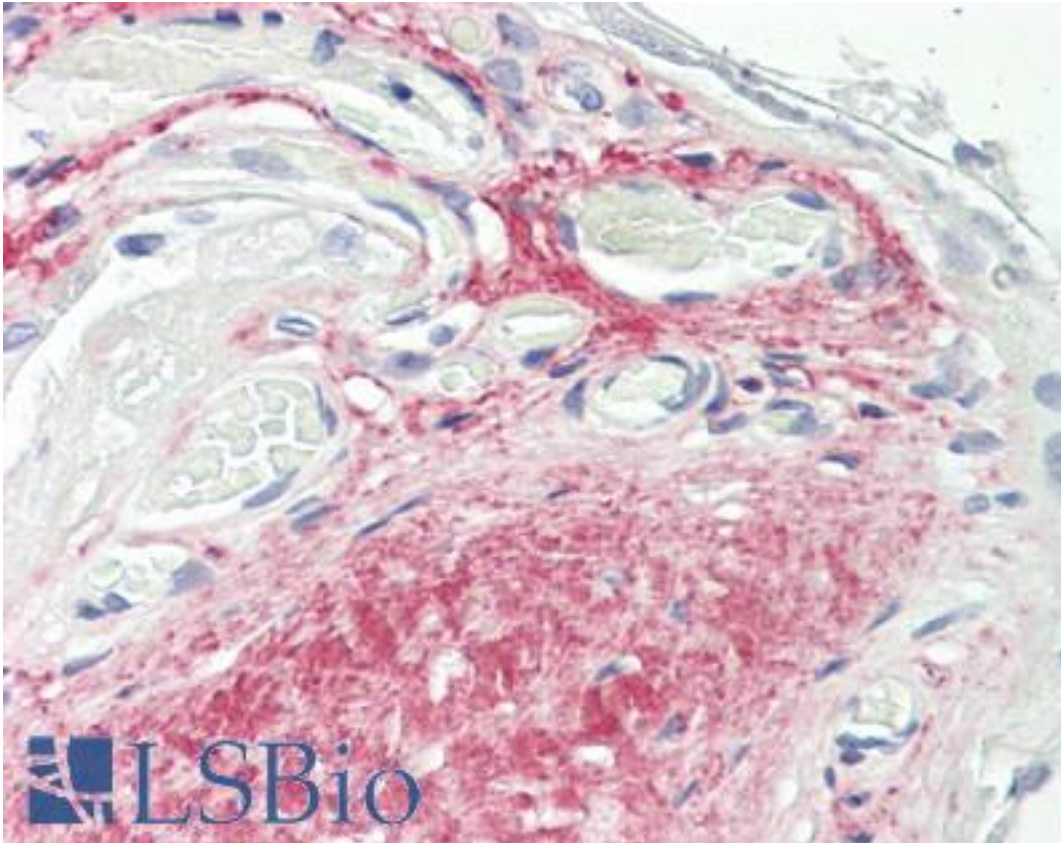


GDF15 Rat anti-Human Monoclonal (6D12.H10.E4) Antibody - LS-B8327 - LSBio	
<b>CatalogID:</b>	LS-B8327
<b>Validation:</b>	This antibody replaces catalog number LS-C153803. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	growth differentiation factor 15 (GDF15)
<b>Synonyms:</b>	GDF15 Antibody, MIC1 Antibody, MIC-1 Antibody, NAG-1 Antibody, NRG-1 Antibody, NSAID-regulated gene 1 protein Antibody, PLAB Antibody, NSAID-activated gene 1 protein Antibody, Placental TGF-beta Antibody, PTGFB Antibody, GDF-15 Antibody, PTGF-beta Antibody
<b>Family / Subfamily:</b>	TGF beta / not assigned-TGF beta
<b>Host</b>	GDF15 antibody was produced in Rat
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG
<b>Clone Name:</b>	6D12.H10.E4
<b>Immunogen Species:</b>	GDF15 antibody was raised against Human
<b>Antigen Type:</b>	Recombinant protein
<b>Immunogen:</b>	GDF15 antibody was raised against this Protein-A purified antibody was prepared by repeated immunizations with an MBP-tagged recombinant protein produced in E. coli corresponding to full-length mouse NAG-1 protein. Cross reactivity to MBP was removed via cross-adsorption chromatography.
<b>Specificity:</b>	This antibody reacts with the C-terminus of endogenous NAG-1 protein from human tissues. A BLAST analysis suggests reactivity with NAG-1 from chimpanzee and macaque based on a 100% homology. Partial reactivity is expected against rat based on an 86% homology with the immunizing sequence. Cross-reactivity with NAG-1 from other sources has not been determined.
<b>Reactivity:</b>	Human, Mouse
<b>Purification:</b>	Protein G purified
<b>Presentation:</b>	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide, sterile filtered
<b>Recommended Storage:</b>	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
<b>Usage Summary:</b>	This Protein G purified antibody is suitable for ELISA and western blotting of human NAG-1 protein. For detection of NAG-1 in human serum, a sandwich ELISA is suggested using this antibody in combination with anti-NAG-1/GDF15 (N-terminal), H variant or D variant specific antibodies. Specific conditions for reactivity should be optimized by the end user. Expect bands in Western blots of native protein of approximately 13 and 26 kD in size corresponding to NAG-1 monomer and dimer, respectively, using the appropriate cell lysate or extract.
<b>Uses:</b>	IHC - Paraffin (10 µg/ml), Western blot (1:1000), ELISA (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	1 mg/ml

**Immunohistochemistry Image:**



Anti-GDF15 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B8327 dilution 10 ug/ml.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

© 2014 LifeSpan BioSciences