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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PITX2 monoclonal antibody (MA01), clone 2G6 (APC)

Catalog Number: H00005308-MA01

Regulation Status: For research use only (RUO)

Product Description: APC conjugated mouse monoclonal antibody raised against a full length recombinant PITX2.

Clone Name: 2G6

Immunogen: PITX2 (AAH13998, 1 a.a. ~ 324 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MNCMKGPLHLEHRAAGTKLSAVSSSSCHHPQPLAMA
SVLAPGQPRSLDSSKHRLEVHTISDTSSPEAAEKDKS
QQGKNEDVGAEDPSKKKRQRRQRTHFTSQQLQELEA
TFQRNRYPDMSTREEIAVWTNLTEARVRVWFKNRRA
KWRKRERNQQAELCKNGFGPQFNGLMQPYDDMYPG
YSYNNWAAKGLTSASLSTKSFPFFNSMNVNPLSSQSM
FSPPNSISSMSMSSSMVPSAVTGVPGSSLNSLNNLNN
LSSPSLNSAVPTPACPYAPPTPPYVYRDTCNSSLASLR
LKAKQHSSFGYASVQNPASNLSACQYAVDRPV

Host: Mouse

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Conjugation: APC

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5308

Gene Symbol: PITX2

Gene Alias: ARP1, Brx1, IDG2, IGDS, IGDS2, IHG2, IRID2, MGC111022, MGC20144, Otlx2, PTX2, RGS, RIEG, RIEG1, RS

Gene Summary: This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. The encoded protein acts as a transcription factor and regulates procollagen lysyl hydroxylase gene expression. This protein plays a role in the terminal differentiation of somatotroph and lactotroph cell phenotypes, is involved in the development of the eye, tooth and abdominal organs, and acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin. Mutations in this gene are associated with Axenfeld-Rieger syndrome, iridogoniodysgenesis syndrome, and sporadic cases of Peters anomaly. A similar protein in other vertebrates is involved in the determination of left-right asymmetry during development. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]