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Datasheet

MSX2 monoclonal antibody (M10A), clone 1E8

Catalog Number: H00004488-M10A

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MSX2.

Clone Name: 1E8

Immunogen: MSX2 (AAH15509.1, 1 a.a. ~ 133 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MASPSKGNDLFSPDEEGPAVVAGPGPGPGGAEGAAE
ERRVKVSSLPFSVEALMSDKKPPKEASPLPAESASAG
ATLRPLLLSGHGAREAHSPGPLVKPFETASVKSENSE
DGAAWMQEPGRYSPPPRHTSPTT

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

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

Isotype: IgG2b Kappa

Storage Buffer: In ascites fluid

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

Entrez GeneID: 4488

Gene Symbol: MSX2

Gene Alias: CRS2, FPP, HOX8, MSH, PFM, PFM1

Gene Summary: This gene encodes a member of the muscle segment homeobox gene family. The encoded protein is a transcriptional repressor whose normal activity may establish a balance between survival and apoptosis of neural crest-derived cells required for proper craniofacial morphogenesis. The encoded protein may also have a role in promoting cell growth under certain conditions and may be an important target for the RAS signaling pathways. Mutations in this gene are associated with parietal foramina 1 and craniosynostosis type 2. [provided by RefSeq]