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Datasheet

MSX1 monoclonal antibody (M11), clone 1E2

Catalog Number: H00004487-M11

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MSX1.

Clone Name: 1E2

Immunogen: MSX1 (NP_002439, 216 a.a. ~ 297 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
NRRAKAKRLQEAELEKLKMAAKPMLPPAAFGLSFPLG GPAAVAAAAGASLYGASGPFQRAALPVAPVGLYTAHV GYSMYHLT

Host: Mouse

Reactivity: Human,Mouse

Applications: ELISA, IF, IP, WB-Ce, WB-Re
(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: 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: 4487

Gene Symbol: MSX1

Gene Alias: HOX7, HYD1

Gene Summary: This gene encodes a member of the muscle segment homeobox gene family. The encoded protein functions as a transcriptional repressor during embryogenesis through interactions with components of the core transcription complex and other homeoproteins. It may also have roles in limb-pattern formation, craniofacial development, particularly odontogenesis, and tumor growth inhibition. Mutations in this gene, which was once known as homeobox 7, have been associated with nonsyndromic cleft lip with or without cleft palate 5, Witkop syndrome, Wolf-Hirschom syndrome, and autosomoal dominant hypodontia. [provided by RefSeq]