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Datasheet

HSPB8 monoclonal antibody (M12), clone 3C5

Catalog Number: H00026353-M12

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant HSPB8.

Clone Name: 3C5

Immunogen: HSPB8 (AAH02673.1, 1 a.a. ~ 196 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MADGQMPFSCHYPSRLRRDPFRDSPLSSRLLDDGFG
MDPFPDDLTASWPDWALPRLSSAWPGTLRSGMVPR
GPTATARFGVPAEGRTPPPFPGEPWKVCVNVHSFKP
EELMVKTKDGYVEVSGKHEEKQQEGGIVSKNFTKKIQ
LPAEVDPVTVFASLSPEGLLIIEAPQVPPYSTFGESSFN
NELPQDSQEVTCT

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, 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: IgG1 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: 26353

Gene Symbol: HSPB8

Gene Alias: CMT2L, DHMN2, E2IG1, H11, HMN2, HMN2A, HSP22

Gene Summary: The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene in induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease. [provided by RefSeq]