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Datasheet

MYH9 monoclonal antibody (M03), clone 2B3

Catalog Number: H00004627-M03

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MYH9.

Clone Name: 2B3

Immunogen: MYH9 (AAH11915, 131 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
RLKQLKRQLEEAEEEAQRANASRRKLQRELEDATETA
DAMNREVSSLKNKLRRGDLPFVVPRRMARKGAGDGS
DEEVDGKADGAEAKPAE

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, S-ELISA, WB-Ce, WB-Re, WB-Ti, 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 1x PBS, pH 7.4

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

Entrez GeneID: 4627

Gene Symbol: MYH9

Gene Alias: DFNA17, EPSTS, FTNS, MGC104539, MHA, NMHC-II-A, NMMHCA

Gene Summary: This gene encodes a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain. The protein is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in MYH9 are the cause of non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness. [provided by RefSeq]