

Datasheet

MYH3 monoclonal antibody (M06), clone 3H3

Catalog Number: H00004621-M06

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MYH3.

Clone Name: 3H3

Immunogen: MYH3 (NP_002461.1, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

SSDTEMEVFGIAAPFLRKSEKERIEAQNPFDKTYCF
VVDSKEEYAKGKIKSSQDGKVTVETEDNRTLVLVVKPED
VYAMNPPKFDRIEDMAMLTHLNEP

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, 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: 4621

Gene Symbol: MYH3

Gene Alias: HEMHC, MYHC-EMB, MYHSE1, SMHCE

Gene Summary: Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains

(MYH) and two pairs of nonidentical light chains. This gene is a member of the MYH family and encodes a protein with an IQ domain and a myosin head-like domain. Mutations in this gene have been associated with two congenital contracture (arthrogryposis) syndromes, Freeman-Sheldon syndrome and Sheldon-Hall syndrome. [provided by RefSeq]