

Datasheet

MYOC monoclonal antibody (M01), clone 4F8

Catalog Number: H00004653-M01

Regulation Status: For research use only (RUO)

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

Clone Name: 4F8

Immunogen: MYOC (AAH29261, 36 a.a. ~ 135 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

QLRKANDQSGRCQYTFVSPNESSCPEQSQAMSVI
HNLQRDSSTQRLDLEATKARLSSLESLLHQLTLDQAAR
PQETQEGLQRELGLRRERDQLETQT

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, IP, RNAi-Ab, S-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: 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: 4653

Gene Symbol: MYOC

Gene Alias: GLC1A, GPOA, JOAG, JOAG1, TIGR, myocilin

Gene Summary: MYOC encodes the protein myocilin, which is believed to have a role in cytoskeletal function.

MYOC is expressed in many ocular tissues, including the trabecular meshwork, and was revealed to be the trabecular meshwork glucocorticoid-inducible response protein (TIGR). The trabecular meshwork is a specialized eye tissue essential in regulating intraocular pressure, and mutations in MYOC have been identified as the cause of hereditary juvenile-onset open-angle glaucoma. [provided by RefSeq]