

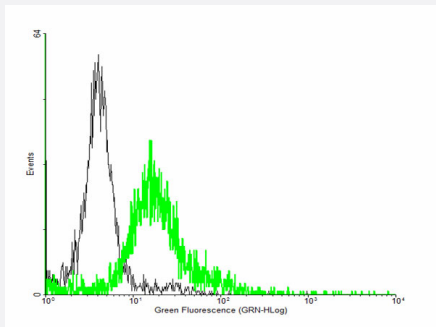
MaxPab®

MYOC purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004653-B01P

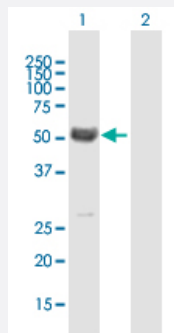
Size 50 ug

Applications



Flow Cytometry

FACS analysis of negative control 293 cells (Black) and MYOC expressing 293 cells (Green) using MYOC purified MaxPab mouse polyclonal antibody.



Western Blot (Transfected lysate)

Western Blot analysis of MYOC expression in transfected 293T cell line ([H00004653-T01](#)) by MYOC MaxPab polyclonal antibody.

Lane 1: MYOC transfected lysate(55.44 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MYOC protein.

Immunogen

MYOC (NP_000252.1, 1 a.a. ~ 504 a.a) full-length human protein.

Sequence

MRFFCARCCSFGPEMPAVQLLLLACLVWDVGARTALRKANDQSGRCQYTFSVASPNNESSCP
EQSQAMSVIHNLQRDSSTQRDLLEATKARLSSLESLLHQLTLDQAARPQETQEGLQRELGTLRRE
RDQLETQTRELETAYSNLLRDKSVLEEEKKRLRQENENLARRLESSSQEVARLRRGQCPQTRDT
ARAVPPGSREVSTWNLDTLAFQELKSELTEVPASRILKESPSGYLRSGEGDTGCGELVWVGEPL
TLRTAETITGKYGVWMRDPKPTYPTQETTWRIDTVGTDVVRQVFEYDLISQFMQGYPSKVHILPRPL
ESTGAVVYSGSLYFQGAESRTVIRYELNTETVKAEKEIPGAGYHGQFPYSWGGYTDIDLAVDEAGL
WVIYSTDEAKGAMLSKLNPENLELEQTWETNIRKQSVANAFICGLTYTVSSYTSADATVNFAYDTG
TGISKTLTIPFKNRYKYSSMIDYNPLEKKLFAWDNLNMVTYDIKLSKM

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — MYOC

Entrez GeneID	4653
GeneBank Accession#	NM_000261.1
Protein Accession#	NP_000252.1
Gene Name	MYOC
Gene Alias	GLC1A, GPOA, JOAG, JOAG1, TIGR, myocilin
Gene Description	myocilin, trabecular meshwork inducible glucocorticoid response
Omim ID	137750 601652
Gene Ontology	Hyperlink

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]

Other Designations

OTTHUMP00000032681|mutated trabecular meshwork-induced glucocorticoid response protein|myocilin

Disease

- [Exfoliation Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Hypertension](#)
- [Myopia](#)
- [Ocular Hypertension](#)
- [Parkinson disease](#)
- [Retinal Diseases](#)