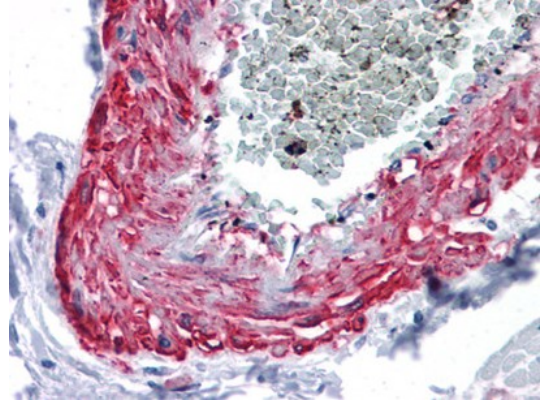


AM20919PU-N**Monoclonal Antibody to Myocilin**

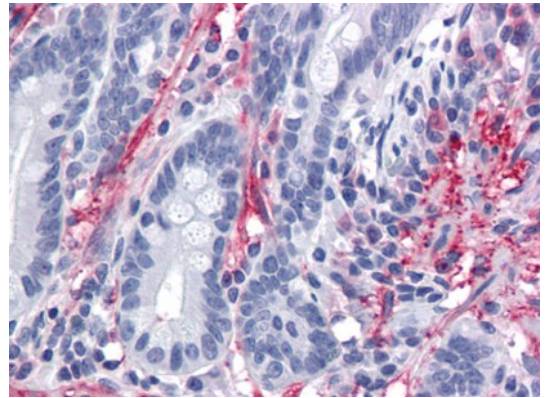
Alternate names:	GLC1A, MYOC, TIGR, Trabecular meshwork-induced glucocorticoid response protein
Quantity:	50 µg
Concentration:	0.31 mg/ml
Background:	MYOC encodes the protein myocilin, which is believed to have a role in cytoskeletal function. MYOC is expressed in many ocular tissues, including the trabecular 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.
Uniprot ID:	Q99972
NCBI:	NP_000252
GeneID:	4653
Host / Isotype:	Mouse / IgG1
Clone:	4F8
Immunogen:	Recombinant protein, MYOC (AAH29261, 36 a.a. ~ 135 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. Genename: MYOC
Format:	State: Liquid purified Ig fraction Purification: Protein A Chromatography Buffer System: PBS, pH 7.2
Applications:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. RNAi. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Myocilin, Trabecular Meshwork Inducible Glucocorticoid Response. Species: Human. Other species not tested.
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

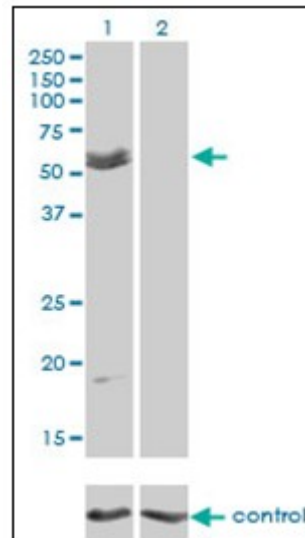
Human Vessel: Formalin-Fixed, Paraffin-Embedded (FFPE)



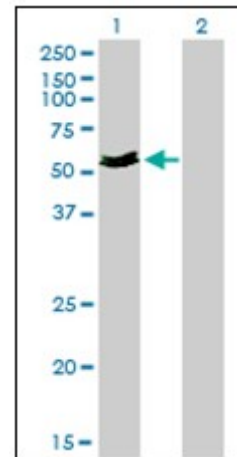
Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot analysis of MYOC over-expressed 293 cell line, cotransfected with MYOC Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with MYOC monoclonal antibody clone 4F8.



Western Blot analysis of MYOC expression in transfected 293T cell line by MYOC monoclonal antibody clone 4F8.



Detection limit for recombinant GST tagged MYOC is approximately 0.3 ng/ml as a capture antibody.

