

Mouse Myogenin Monoclonal Antibody | anti-MYOG antibody

Myogenin

CATALOG # AAA59228	HOST Mouse	REACTIVITY Human, Canine, Rat, Mouse
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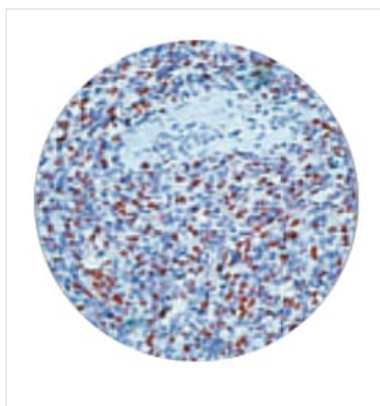
PRODUCT SYNONYMS

Myogenin; Monoclonal Antibody; anti-MYOG antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Canine, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1/K
Clone Number	F5D
Form/Format	Myogenin is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated,dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Rhabdomyosarcoma
Localization	Nuclear
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohiostchemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:100-1:500	0.1 ml
Concentrated	1:100-1:500	0.5 ml
Concentrated	1:100-1:500	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-MYOG antibody	Myogenin is a transcription factor active in muscles. In particular, it is a myogenic regulatory factor. Myogenin is a member of a family of myogenic regulatory genes, which includes MyoD, myf5 and MRF4. These genes encode a set of transcription factors which are essential for muscle development. Expression of myogenin is restricted to cells of skeletal-muscle origin. It is, therefore, a useful marker for tumors of the muscle lineage, being strongly expressed in Alveolar Rhabdomyosarcomas. Anti-myogenin labels the nuclei of myoblasts in developing muscle tissue, and is expressed in tumor cell nuclei of Rhabdomyosarcoma and some Leiomyosarcomas. Positive nuclear staining may occur in Wilm's Tumor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18765727
NCBI GeneID	4656
NCBI Accession #	NP_002470.2
NCBI GenBank Nucleotide #	NM_002479.4
UniProt Accession #	P15173; Q53XW6; Q9HCA4
Molecular Weight	24906 Da
NCBI Official Full Name	myogenin
NCBI Official Synonym Full Names	myogenin (myogenic factor 4)
NCBI Official Symbol	MYOG
NCBI Official Synonym Symbols	MYF4; bHLHc3; MYOGENIN
NCBI Protein Information	myogenin; myf-4; myogenic factor 4; OTTHUMP00000039094; Myogenic factor-4; myogenin; class C basic helix-loop-helix protein 3
UniProt Protein Name	Myogenin
UniProt Gene Name	MYOG
UniProt Synonym Gene Names	BHLHC3; MYF4
UniProt Entry Name	MYOG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/myogenin-antibody-clone-f5d-elisa/59228>