

DATASHEET

Myogenin Mouse Monoclonal Antibody (ARM532)

CAT. NO. ARM6822

KEY FEATURES

Target	Myogenin	Clone ID	ARM532
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

Myogenin belongs to a family of myogenic transcription factors, including MyoD, Myf5, and MRF4, which are critical in muscle development. Myogenin is found strictly in cells of skeletal muscle origin, and is therefore used as a biomarker for tumours of the muscle lineage, including alveolar rhabdomyosarcomas. Anti-Myogenin staining may occur in Wilms' tumour, and it labels the nuclei of myoblasts in developing muscle tissue. It is also expressed in some leiomyosarcomas.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:100-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

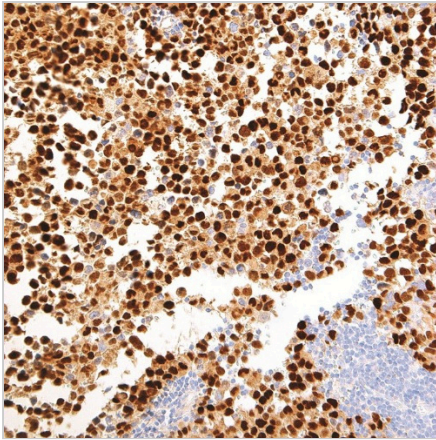
Antibody Type	Primary antibodies
Isotype	IgG1
Positive Control	Rhabdomyosarcoma
Localization	Nuclear
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	MYOG
Entrez Gene ID	4656
Uniprot	P15173
Alternative Names	Myf4

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**Myogenin Mouse Monoclonal Antibody (ARM532)****CAT. NO. ARM6822****| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| DATA

Immunohistochemical staining of human rhabdomyosarcoma tissue using Myogenin Mouse Monoclonal Antibody (ARM532).

| RESEARCH USE ONLY

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / myogenin-mouse-monoclonal-antibody-arm532-arm6822](http://www.arexbio.com/myogenin-mouse-monoclonal-antibody-arm532-arm6822)