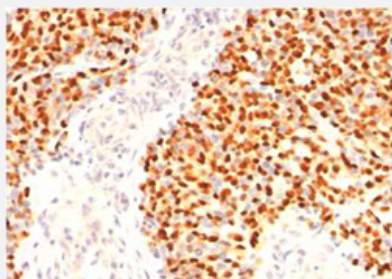


MYOG monoclonal antibody, clone SPM144

Catalog # MAB12116 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human rhabdomyosarcoma with MYOG monoclonal antibody, clone SPM144 (Cat # MAB12116).

Specification

Product Description	Mouse monoclonal antibody raised against MYOG.
Immunogen	Recombinant protein corresponding to human MYOG.
Host	Mouse
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (0.5-1 ug/mL) Western blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human rhabdomyosarcoma with MYOG monoclonal antibody, clone SPM144 (Cat # MAB12116).

Gene Info — MYOG

Entrez GeneID	4656
Protein Accession#	P15173
Gene Name	MYOG
Gene Alias	MYF4, MYOGENIN, bHLHc3
Gene Description	myogenin (myogenic factor 4)
Omim ID	159980
Gene Ontology	Hyperlink
Gene Summary	Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional skeletal muscle. [provided by RefSeq]
Other Designations	Myogenic factor-4; myogenin OTTHUMP00000039094 myogenic factor 4 myogenin

Publication Reference

- [Transcutaneous carbon dioxide application accelerates muscle injury repair in rat models.](#)

Akahane S, Sakai Y, Ueha T, Nishimoto H, Inoue M, Niikura T, Kuroda R.

International Orthopaedics 2017 Feb; 41(5):1007.

Application: IF, IHC, Rat, Rat skeletal muscle