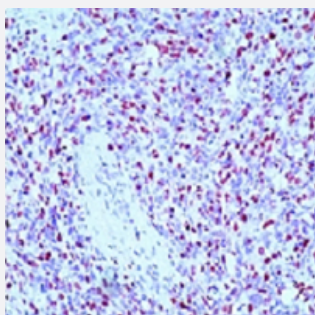


Myog monoclonal antibody, clone F12B

Catalog # MAB1961 Size 100 ug

Applications



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

Immunohistochemical staining using Myog monoclonal antibody, clone F12B (Cat # MAB1961) on formalin fixed, paraffin embedded human rhabdomyosarcoma.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant Myog.
Immunogen	Recombinant protein corresponding to amino acids 30-224 of rat Myog.
Host	Mouse
Reactivity	Human, Mouse, Rat
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western blot (1 ug/mL) Immunoprecipitation (2 ug/mg of protein lysate) Immunohistochemistry on formalin to fixed/paraffin to embedded tissues (1 to 2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% sodium azide)
Storage Instruction	Store at -20°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.

Applications

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

Immunohistochemical staining using Myog monoclonal antibody, clone F12B (Cat # MAB1961) on formalin fixed, paraffin embedded human rhabdomyosarcoma.

- Immunofluorescence
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay
- Gel Supershift Assay

Gene Info — Myog

Entrez GeneID	29148
---------------	-----------------------

Gene Name	Myog
-----------	------

Gene Alias	-
------------	---

Gene Description	myogenin
------------------	----------

Gene Ontology	Hyperlink
---------------	---------------------------

Other Designations	-
--------------------	---

Publication Reference

- [Monoclonal antimyogenin antibodies define epitopes outside the bHLH domain where binding interferes with protein-protein and protein-DNA interactions.](#)

Wright WE, Dac-Korytko I, Farmer K.

Developmental Genetics 1996 Jan; 19(2):131.

Application: Func, IF, IP, WB, Mouse, C2C12 cells

- [Myf5, MyoD, myogenin and MRF4 myogenic derivatives of the embryonic mesenchymal cell line C3H10T1/2 exhibit the same adult muscle phenotype.](#)

Aurade F, Pinset C, Chafey P, Gros F, Montarras D.

Differentiation 1994 Feb; 55(3):185.

Application: WB-Ce, WB-Tr, Mouse, C3H10T1/2 cells

- [Myogenin, a factor regulating myogenesis, has a domain homologous to MyoD.](#)

Wright WE, Sassoon DA, Lin VK.

Cell 1989 Feb; 56(4):607.

Application: IF, Mouse, C3H10T1/2 cells