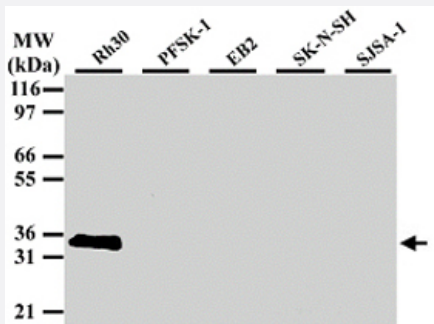


MYOG monoclonal antibody, clone 5FD

Catalog # MAB0076

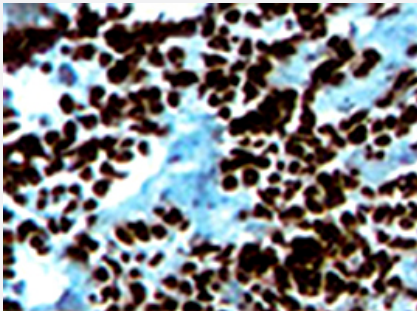
Size 100 ug

Applications



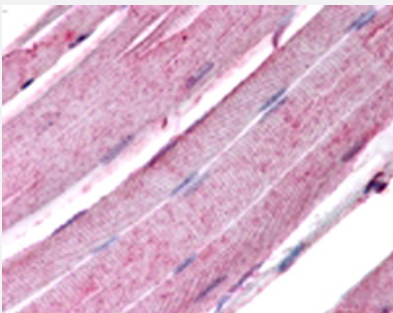
Western Blot (Cell lysate)

Western blot analysis of MYOG expression in various small-round cell tumor lines using MYOG monoclonal antibody, clone 5FD (Cat # MAB0076) monoclonal antibody. The antibody strongly reacted with a band of approx. 34 kDa in alveolar rhabdomyosarcoma cell line (Rh30) . All other small-round cell tumor lines were negative. PFSK-1 (a primitive neuroectodermal tumor cell line) , EB2 (a lymphoma cell line) , SK-N-SH (a neuroblastoma cell line) , SJSA-1 (Ewing's sarcoma cell line) .



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

Immunohistochemical analysis of MYOG in a frozen tissue section of human alveolar rhabdomyosarcoma. Using MYOG monoclonal antibody, clone 5FD (Cat # MAB0076) at 5 ug/mL .



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

Immunohistochemical staining of MYOG in formalin-fixed, paraffin-embedded human myocytes. Using MYOG monoclonal antibody, clone 5FD (Cat # MAB0076) at 2.5 ug/mL . Hematoxylin-eosin counterstain.

Specification

Product Description

Mouse monoclonal antibody raised against partial recombinant MYOG.

Immunogen	Recombinant GST fusion protein corresponding to amino acids 30-224 of rat Myog.
Host	Mouse
Reactivity	Human, Mouse, Rat
Form	Liquid
Isotype	IgG1
Recommend Usage	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. For long term storage 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

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- Immunocytochemistry

- Immunofluorescence

Gene Info — Myog

Entrez GeneID

[29148](#)

Gene Name	Myog
Gene Alias	-
Gene Description	myogenin
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Strong immunostaining for myogenin in rhabdomyosarcoma is significantly associated with tumors of the alveolar subclass.](#)

Dias P, Chen B, Dilday B, Palmer H, Hosoi H, Singh S, Wu C, Li X, Thompson J, Parham D, Qualman S, Houghton P.

The American Journal of Pathology 2000 Feb; 156(2):399.