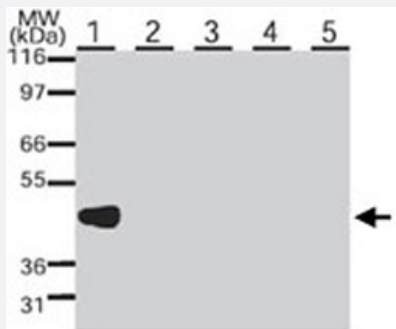


Myod1 monoclonal antibody, clone 5.8A

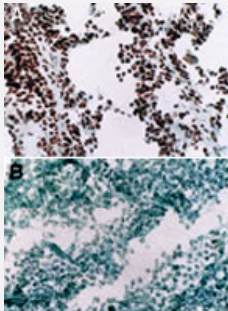
Catalog # MAB0077 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis for Myod1 expression in various small round cell tumor lines using 1 ug/mL Myod1 monoclonal antibody, clone 5.8A (Cat # MAB0077) monoclonal antibody. The antibody only reacts with a band of approx. 45 kD in the rhabdomyosarcoma cell line (Rh30, lane 1) but was negative against the primitive neuroectodermal (PFSK-1A, lane 2), lymphoma (EB2, lane 3), neuroblastoma (SK-N-SH, lane 4), and Ewing's sarcoma (SJSA-1, lane 5) cell lines.



Immunohistochemistry (Frozen sections)

Immunohistochemistry (Frozen sections) using Myod1 monoclonal antibody, clone 5.8A (Cat # MAB0077) monoclonal antibody. A. Rhabdomyosaroma (nuclei are stained), B. Lymphoma (staining is absent) .

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant Myod1.
Immunogen	Recombinant protein corresponding to amino acids 180-189 of mouse Myod1.
Host	Mouse
Reactivity	Cat, Human, Mouse, Rat
Form	Liquid
Isotype	IgG

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.

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- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

Gene Info — Myod1

Entrez GeneID	17927
Gene Name	Myod1
Gene Alias	AI503393, MYF3, MyoD, Myod-1
Gene Description	myogenic differentiation 1
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Skeletal muscle insulin resistance induced by adipocyte-conditioned medium: underlying mechanisms and reversibility.](#)

Sell H, Eckardt K, Taube A, Tews D, Gurgui M, Van Echten-Deckert G, Eckel J.

American Journal of Physiology. Endocrinology and Metabolism 2008 Mar; 294(6):E1070.