

Mouse Monoclonal anti-MyoD1, Clone 5.8A

60-0101; 60-0101-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0101-2	0.2 mL Concentrate Antibody
Isotype	IgG1
Concentration	See container label

Intended Use For In Vitro Diagnostic Use.

This product is intended for laboratory use to qualitatively detect MyoD1 by light microscopy in normal and neoplastic formalin fixed paraffin embedded tissue sections using immunohistochemical (IHC) methodology. Interpretation of any positive or negative staining shall be supported by a proper control and must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description Nuclear expression of MyoD1 is restricted to skeletal muscle tissue. The antibody labels the nuclei of myoblasts in developing skeletal muscle tissue, and the majority of rhabdomyosarcomas of various histological subtypes. The majority of adult skeletal muscle is negative.

Reagent provided This antibody is diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN₃) as antimicrobial agent.

Precautions For professional users.

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN₃ may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

Usage

Dilution	60-0101; 60-0101-7: Ready-To-Use 61-0101-2: Dilute 1:50 to 1:100 before use when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.
Staining procedure	Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.
Positive control tissue	Rhabdomyosarcoma
Epitope retrieval	HIER, Tris pH 9 or Tris EDTA pH 9
Staining pattern	Nuclear

Storage Store at 2-8°C.

- References**
1. Dias P, et al. Canc Res 1992;52(23):6431-9.
 2. Weintraub H, et al. Science 1991;251(4995):761-6.

Symbols

				
Catalog No.	Batch No.	In Vitro Diagnostic Use	Temperature Range	Use By

30677 Rev.00