

Mouse Monoclonal anti-Myogenin, Clone F5D

60-0149; 60-0149-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0149; 61-0149-2; 61-0149-5	1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
Isotype	IgG1
Concentration	See container label

Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect Myogenin in normal and neoplastic formalin fixed paraffin embedded (FFPE) tissue sections in immunohistochemical detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description

Expression of myogenin is restricted to cells of skeletal muscle origin. The Anti-Myogenin antibody labels the nuclei of myoblasts in developing muscle tissue, and is expressed in tumor cell nuclei of rhabdomyosarcoma and some leiomyosarcomas. Positive nuclear staining may present in Wilm's tumor.

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

60-0149; 60-0149-7: Ready-To-Use
 61-0149; 61-0149-2; 61-0149-5: Dilute 1:50-100 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 using Tris pH 9

Staining pattern

Nucleus

Storage

Store at 2-8°C.

References

1. Wright W, et al. Dev Genet 1996; 19:31
2. Wright W, et al. Cell 1989; 56:607
3. Wang N, et al. Amer J Pathol 1995; 147(6):1799

Symbols

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