MyoD1

IN VITRO DIAGNOSTIC DATASHEET

INTENDED USE :   IN VITRO DIAGNOSTIC USE

This Rabbit Monoclonal product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

DESCRIPTION :   MyoD1, one of the MyoD family of myogenic helix-loop-helix transcription factors, combined with myogenin, plays a role in coordinating the myogenic differentiation pathway from the determination of mesodermal precursors into myoblasts, the differentiation of myoblasts into myotubes, and finally the maturation of myotubes into skeletal myofibers. Normal mature skeletal muscle does not express MyoD1 protein. MyoD1 is expressed in myoblasts before differentiation while myogenin has post-differentiation functions.

CATALOG NO :	PL2011	PL2011-R7	7 ML RTU 70 TEST
		PL2011-R1	1 ML RTU 10 TEST
STAINING PATTERN :	Nuclear and cytoplasmic	PL2011-1	1 ML 1/100 1000 TEST
		PL2011-0,1	0,1 ML 1/100 100 TEST
POSITIVE CONTROL :	Rhabdomyosarcoma		

VOLUME :   7 ml Ready to Use (7 ml of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.)

HOST :   Rabbit

CLONE :   PL-6

ANTIBODY CONCENTRATION :   Not known

SPECIES REACTIVITY :   Human. Others not tested.

MICROBIOLOGICAL STATE :   This product is not sterile.

PRETREATMENT : Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at room temperature for 20 min.

PRIMARY ANTIBODY INCUBATION TIME :   60 minutes at Room Temperature

STAINING TIPS :   If the staining is too light, use lower dilution or longer time. If the staining is too strong, check pretreatment, use higher dilution or shorter time.

STORAGE AND STABILITY : This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

TROUBLESHOOTING :   Please contact PatoLab Technical Support by e-mail (patolab@patolab.com.tr).

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