PatⵔLab®

SOX-10

INTENDED USE :   IN VITRO DIAGNOSTIC USE

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

DESCRIPTION :   Sry-related HMG-BOX gene 10, (SOX-10), a nuclear transcription factor tha in neural crest development and in the specification and differentiation of cells of melanocytic lineage, has been recently shown to be a sensitive marker of melanoma. SOX-10 nuclear expression was found all cases of melanomas (97%) and about half of cases of malignant peripheral nerve sheath tumors (49%). In sentinel node, SOX-10 is positive in metastatic melanomas and nodal capsular nevus but not in dendritic cells, which usually express S100 protein. SOX-10 is moderately to strongly positive in desmoplastic or spindle cell melanomas, which is usually negative for HMB-45, Melan-A or even S-100.

CATALOG NO :   PL2010

PL2010-R7	7 ML RTU 70 TEST
PL2010-R1	1 ML RTU 10 TEST
PL2010-1	1 ML 1/100 1000 TEST
PL2010-0,1	0,1 ML 1/100 100 TEST

STAINING PATTERN :   Nuclear

POSITIVE CONTROL :   Melanoma

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 :   Mouse

CLONE :   ZM10

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 fo

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).