PatoLab®

Caldesmon HMW

INTENDED USE :   IN VITRO DIAGNOSTIC USE

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

DESCRIPTION :   Caldesmon is a developmentally regulated protein involved in smooth muscle and non-muscle contraction. Two closely related variants of human caldesmon have been identified which differ in their eletrophoretic mobility and cellular distribution. The h-caldesmon variant (120-150kDa) is predominantly expressed in smooth muscle whereas l-caldesmon (70-80kDa) is found in non-muscle tissue and cells. Neither of the two variants has been detected in skeletal muscle.

CATALOG NO :	PL1169	PL1169-R7	7 ML RTU 70 TEST
		PL1169-R1	1 ML RTU 10 TEST
STAINING PATTERN :	Cytoplasmic	PL1169-1	1 ML 1/200 2000 TEST
		PL1169-0,1	0,1 ML 1/200 200 TEST
POSITIVE CONTROL :	Uterus		

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 :   h-CALD

ANTIBODY CONCENTRATION :   200ug/ml

SPECIES REACTIVITY :   Human. Others not-tested.

EPITOPE : Not determined

MICROBIOLOGICAL STATE :   This product is not sterile.

PRETREATMENT : Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM Citrate, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.

PRIMARY ANTIBODY INCUBATION TIME :   30 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).