AMACR/p504S

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. it is Rabbit Monoclonal.

DESCRIPTION :   Alpha methylacyl-CoA-racemase (AMACR), also known as p504s is an enzyme involved in
the metabolism of branched-chain fatty acids. p504s is expressed in various normal tissues and carcinomas,
while it is overexpressed over 30-fold in prostate carcinoma compared to benign glandular tissues1. When
p504s is overexpressed in atypical glands without basal cells, it establishes a diagnosis of prostatic carcinoma.
High-grade prostatic intraepithelial neoplasia, atypical adenomatous hyperplasia and urothelial carcinoma
may also express p504s.

CATALOG NO :	PL9130	PL9130-R7	7 ML RTU 70 TEST
		PL9130-R1	1 ML RTU 10 TEST
STAINING PATTERN :	Cytoplasmic	PL9130-1	1 ML 1/100 1000 TEST
		PL9130-0,1	0,1 ML 1/100 100 TEST
POSITIVE CONTROL :	Prostate carcinoma		

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 :   13H4

ANTIBODY CONCENTRATION :   Not known

SPECIES REACTIVITY :   Human. Other species not tested.

EPITOPE : Not known

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).