CD117 / c-Kit

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 :   Recognizes a protein of 145kDa, which is identified as CD117/p145kit. This rabbit polyclonal antibody does not interfere with the binding of SCF to c-kit. It precipitates both the unoccupied as well as the occupied form of c-kit. The binding of the stem cell factor (SCF) to the c-kit-encoded receptor tyrosine kinase (Type III) stimulates a variety of biochemical responses that culminate in cellular proliferation, migration, or survival. C-kit plays an important role in hematopoiesis, melanogenesis, and gametogenesis.

CATALOG NO :   PL9038

PL9038-R7	7 ML RTU 70 TEST
PL9038-R1	1 ML RTU 10 TEST
PL9038-1	1 ML 1/100 1000 TEST
PL9038-0,1	0,1 ML 1/100 100 TEST

STAINING PATTERN :   Cell Membrane

POSITIVE CONTROL :   Stromal tumor, skin or tonsil

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 :   Polyclonal

ANTIBODY CONCENTRATION :   200ug / ml

SPECIES REACTIVITY :   Human and Dog. Others not tested

EPITOPE : Cytoplasmic domain

MICROBIOLOGICAL STATE :   This product is not sterile.

PRETREATMENT : Staining of formalin fixed sections requires heat induced antigen retrieval using citrate buffer, pH 6.0 heating to 98°C 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).

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