

CD5

IN VITRO DIAGNOSTIC DATASHEET

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 :

The CD5, a transmembrane protein, is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas. CD5 is expressed by many T cell leukemia, lymphomas, and activated T cells. Occasionally, CD5 antigen is also expressed on a subset of B cells. Mantle cell lymphomas (same as diffuse centrocytic lymphomas) are CD5+ while the follicle center cell lymphoma are CD5-. The expression can be seen in some carcinomas: Thymus, Breast, Thyroid and Colon.

CATALOG NO :	PL393	PL393-R7	7 ML RTU 70 TEST
		PL393-R1	1 ML RTU 10 TEST
STAINING PATTERN :	Cell Membrane	PL393-1	1 ML 1/100 1000 TEST
		PL393-0,1	0,1 ML 1/100 100 TEST

POSITIVE CONTROL : 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 : Mouse

CLONE : 4C7

ANTIBODY CONCENTRATION : Not known

SPECIES REACTIVITY : Human, Others not tested.

EPITOPE : External domain

MICROBIOLOGICAL STATE : This product is not sterile.

PRETREATMENT : Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 1mM 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).