

## CD7

## 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. it is Rabbit Monoclonal.

**DESCRIPTION :** CD7 is a transmembrane glycoprotein expressed in T-cells, natural killer cells, thymocytes and progenitors of both lymphoid and myeloid cells. CD7 expression and lack of expression are both useful in differential diagnosis. CD7 is expressed in 30% of AML cases<sup>1</sup>. CD7 positivity is linked to poor prognosis<sup>1</sup>, in myeloid malignancies and disease free survival and post-remission survival in AML<sup>2</sup>. CD7 loss along with cytogenetic abnormalities increases the identification of Aggressive Natural Killer Leukemia (ANKL) from 50% to 75% in a cohort of 20 patients.

<b>CATALOG NO :</b>	PL2122	PL2122-R7	7 ML RTU 70 TEST
		PL2122-R1	1 ML RTU 10 TEST
<b>STAINING PATTERN :</b>	Cell membrane	PL2122-1	1 ML 1/200 2000 TEST
		PL2122-0,1	0,1 ML 1/200 200 TEST

**POSITIVE CONTROL :** Tonsil, Hodgkin's Lymphoma

**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 :** MRQ-56

**ANTIBODY CONCENTRATION :** Not known

**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 buffer, pH 8.0, for 10-20 minutes followed by cooling at room temperature for 20 min.

**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 ).