

## OCT-4

### IN VITRO DIAGNOSTIC DATASHEET

**INTENDED USE :** IN VITRO DIAGNOSTIC USE

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

**DESCRIPTION :** OCT4 is a member of the POU family of transcription factors, is involved in regulating pluripotency during normal development, and is detectable in embryonic stem and germ cells. OCT4 is a crucial regulator of self-renewal in embryonic stem cells; its expression is potentially correlated with tumorigenesis and can affect tumor recurrence or resistance to therapies. OCT4 is expressed in undifferentiated pluripotent cells, germ cells in the ovary, and testes. OCT4 Ab is useful in the identification of primary as well as metastatic germ cell tumors.

<b>CATALOG NO :</b>	PL2024	PL2024-R7	7 ML RTU 70 TEST
		PL2024-R1	1 ML RTU 10 TEST
<b>STAINING PATTERN :</b>	Nuclear	PL2024-1	1 ML 1/100 1000 TEST
		PL2024-0,1	0,1 ML 1/100 100 TEST
<b>POSITIVE CONTROL :</b>	Seminoma		

**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 :** PL-9

**ANTIBODY CONCENTRATION :** Not known

**SPECIES REACTIVITY :** Human. Others not tested.

**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 6.0, 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 ).