

## Estrogen Receptor

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 :**

Recognizes a protein of 67kDa, which is identified as estrogen receptor (ER) alpha. The ER gene consists of more than 140kb of genomic DNA divided into 8 exons, being translated into a protein with six functionally discrete domains, labeled A through F. This antibody strongly stains the nucleus of epithelial cells in breast carcinomas. The ER is an important regulator of growth and differentiation in the mammary gland. Presence of ER in breast tumors indicates an increased likelihood of response to anti-estrogen (e.g. tamoxifen) therapy.

<b>CATALOG NO :</b>	PL9101	PL9101-R7	7 ML RTU 70 TEST
		PL9101-R1	1 ML RTU 10 TEST
<b>STAINING PATTERN :</b>	Nuclear	PL9101-1	1 ML 1/100 1000 TEST
		PL9101-0,1	0,1 ML 1/100 100 TEST

**POSITIVE CONTROL :** breast CA, MCF-7 cells

**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 :** SP1

**ANTIBODY CONCENTRATION :** Not known

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

**EPITOPE :** C-terminus

**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 ).