

**Rabbit Anti-ER [EP1]: RM0092**

**Intended Use:** For Research Use Only

**Description:** Estrogen Receptor Alpha (ER or ER Alpha) is a nuclear protein and member of the steroid hormone receptor family. ER alpha possesses both DNA binding and ligand binding domains, and exerts a significant role in activating the transcription of certain genes. Ligand-dependent dimerization and phosphorylation both function to regulate the transcriptional activation of ER alpha.

**Specifications:**

Clone: EP1  
Source: Rabbit  
Isotype: IgG  
Reactivity: Human  
Localization: Nucleus  
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and  $\leq 0.09\%$  sodium azide (NaN<sub>3</sub>).  
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles  
Applications: IHC, ICC/IF  
Package:

Description	Catalog No.	Size
ER Concentrated	RM0092	1 ml

**IHC Procedure\*:**

Positive Control Tissue: Breast cancer  
Concentrated Dilution: 50-200  
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
Incubation Time and Temp: 30-60 minutes @ RT  
Detection: Refer to the detection system manual

\* Result should be confirmed by an established diagnostic procedure.