

## Product Data Sheet

## Anti-Estrogen Receptor alpha Antibody

Catalog #	Source	Reactivity	Applications
CPA9748	Mouse	H	IH
<b>Description</b>	Mouse monoclonal antibody to Estrogen Receptor alpha		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within human Estrogen Receptor alpha. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of Estrogen Receptor alpha protein.		
<b>Clonality</b>	Monoclonal		
<b>Conjugation</b>			
<b>Form</b>	Mouse IgG2b. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.		
<b>Dilution</b>	IH (1/100 - 1/300)		
<b>Gene Symbol</b>	ESR1		
<b>Alternative Names</b>	ESR; NR3A1; Estrogen receptor; ER; ER-alpha; Estradiol receptor; Nuclear receptor subfamily 3 group A member 1		
<b>Entrez Gene</b>	2099 (Human)		
<b>SwissProt</b>	P03372 (Human)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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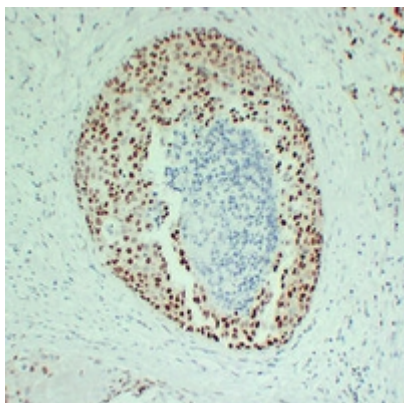
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Immunohistochemical analysis of Estrogen Receptor alpha staining in human breast carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section

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