

## Product Datasheet

### ESR1 Antibody (orb1410382)

<b>Catalog Number</b>	orb1410382
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit monoclonal antibody to Estrogen Receptor, alpha (Marker of Estrogen Dependence)
<b>Target</b>	ESR1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	200ug/ml of Ab purified by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
<b>Immunogen</b>	Recombinant fragment (around aa495-595) of human ER alpha protein (exact sequence is proprietary)
<b>UniProt ID</b>	<b>P03372</b>
<b>MW</b>	~67kDa
<b>Tested applications</b>	IHC, WB
<b>Specificity</b>	Widely expressed (PubMed:10970861). Not expressed in the pituitary gland (PubMed:10970861).   Widely expressed, however not expressed in the pituitary gland.

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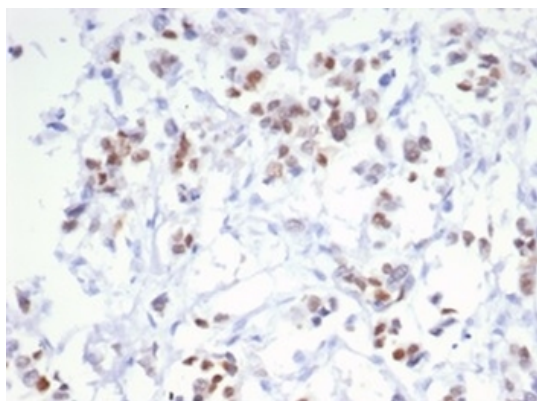
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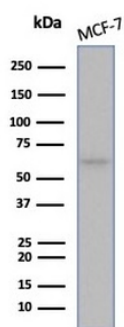
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<b>Antibody Type</b>	Recombinant Antibody
<b>Clone Number</b>	ESR1/6983R
<b>Expression System</b>	HEK293 cells
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Formalin fixed paraffin embedded human breast carcinoma stained with ER, alpha Rabbit Recombinant Monoclonal Antibody (ESR1/6983R). HIER: Tris/EDTA, pH9.0, 45 min. 2°C: HRP-polymer, 30 min. DAB, 5 min.



Western Blot Analysis of human MCF-7 cell lysate using Estrogen Receptor, alpha Rabbit Recombinant MAb (ESR1/6983R).

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