

For Research Use Only

ER Recombinant antibody, PBS Only

Catalog Number: 84564-4-PBS



Basic Information

Catalog Number:

84564-4-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC128573

GeneID (NCBI):

2099

UNIPROT ID:

P03372

Full Name:

estrogen receptor 1

Calculated MW:

595 aa, 66 kDa

Observed MW:

66 kDa

Purification Method:

Protein A purification

CloneNo.:

241825D5

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

The estrogen receptor (ESR, ER) is a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. ESR1, also known as ESR or NR3A1, belongs to the nuclear hormone receptor family and NR3 subfamily. It is a nuclear hormone receptor. The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. ESR1 can activate the transcriptional activity of TFF1.[PMID: 11731608,10970861]

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

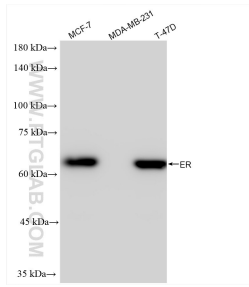
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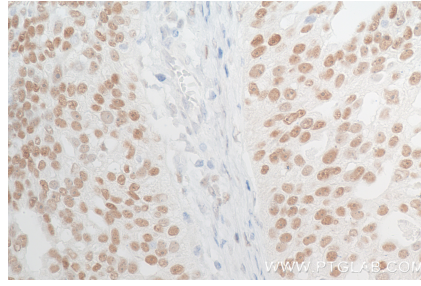
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W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84564-4-RR (ER antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84564-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 84564-4-RR (ER antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84564-4-PBS in a different storage buffer formulation.