

For Research Use Only

CoraLite® Plus 488-conjugated ER Polyclonal antibody



Catalog Number: CL488-21244

Featured Product

Basic Information

Catalog Number:
CL488-21244

Size:
100ul , Concentration: 1000 µg/ml by
Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG15738

GenBank Accession Number:
BC128573

GeneID (NCBI):
2099

Full Name:
estrogen receptor 1

Calculated MW:
595 aa, 66 kDa

Observed MW:
65-70 kDa

Purification Method:
Antigen affinity purification

Excitation/Emission maxima
wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
FC

Species Specificity:
human, mouse, rat

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

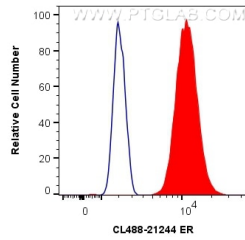
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ MCF-7 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human ER (CL488-21244) (red), or 0.8 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).