

For Research Use Only

# Progesterone Receptor Recombinant antibody

Catalog Number: 85112-5-RR



## Basic Information

<b>Catalog Number:</b> 85112-5-RR	<b>GenBank Accession Number:</b> NM_000926	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 5241	<b>CloneNo.:</b> 242686H1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P06401	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> progesterone receptor	
<b>Immunogen Catalog Number:</b> AG22986	<b>Calculated MW:</b> 933 aa, 99 kDa <b>Observed MW:</b> 100-120 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> T-47D cells, <b>IF/ICC :</b> T-47D cells,

## Background Information

PGR (Progesterone Receptor), also named as NR3C3 and PR, belongs to the nuclear hormone receptor family and NR3 subfamily. The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Progesterone receptor isoform B (PRB) is involved activation of c-SRC/MAPK signaling on hormone stimulation. The ER and PR status has been used as a predictor of breast carcinoma responsiveness to endocrine therapy and as a prognostic indicator for early recurrence.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

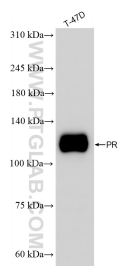
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

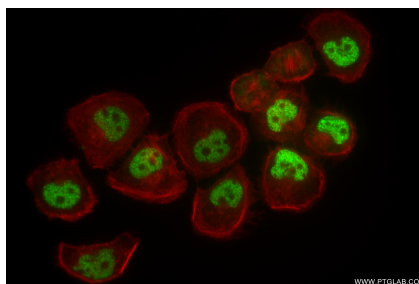
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



T-47D cells were subjected to SDS PAGE followed by western blot with 85112-5-RR (Progesterone Receptor antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed T-47D cells using Progesterone Receptor antibody (85112-5-RR, Clone: 242686H1 ) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).