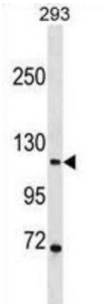
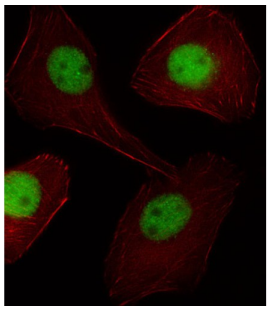
Progesterone Receptor (PGR) Antibody

Catalogue No.:abx030889



WB analysis of 293 cell lysates (35 µg/lane), using PGR/PR antibody.::Fluorescent image of U251 cells stained with PGR/PR antibody. U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with PGR/PR primary antibody (1/25 dilution, 1 h at 37 °C). AF488-conjugated donkey anti-rabbit antibody (green) was used as the secondary antibody (1/400 dilution, 50 min at 37 °C). Cytoplasmic actin was counterstained with AF555-conjugated Phalloidin (red, 7 units/ml, 1 h at 37 °C). PGR/PR immunoreactivity is localized to the nucleus significantly and vesicles weakly.



This gene encodes a member of the steroid receptor superfamily. The encoded protein mediates the physiological effects of progesterone, which plays a central role in reproductive events associated with the establishment and maintenance of pregnancy. This gene uses two distinct promotors and translation start sites in the first exon to produce two isoforms, A and B. The two isoforms are identical except for the additional 165 amino acids found in the N-terminus of isoform B and mediate their own response genes and physiologic effects with little overlap. The location of transcription initiation for isoform A has not been clearly determined.

Target:	Progesterone Receptor (PGR)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IF/ICC: 1/10 - 1/50. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 816-843 amino acids from the C-terminal region of human PGR/PR.
Isotype:	IgG

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Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P06401 (UniProt, ExPASy)
KEGG:	hsa:5241
String:	9606.ENSP00000325120
Molecular Weight:	Calculated MW: 99 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	This product is for research use only.

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