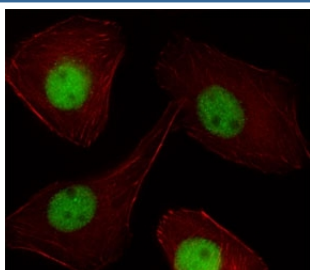


## PR Antibody (F47198)

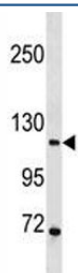
Catalog No.	Formulation	Size
F47198-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47198-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P06401
<b>Localization</b>	Nuclear, cytoplasmic
<b>Applications</b>	Immunofluorescence : 1:10-1:50 Western Blot : 1:1000
<b>Limitations</b>	This PR antibody is available for research use only.



Fluorescent image of U251 cell stained with PR antibody at 1:25. Immunoreactivity is localized to the nucleus strongly and vesicles weakly.



PR antibody western blot analysis in 293 lysate. Expected molecular weight: 82-94 kDa (isoform A) and 99-120 kDa (isoform B).

## Description

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 promoters 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.

## Application Notes

Titration of the PR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 816-843 from the human protein was used as the immunogen for this PR antibody.

## Storage

Aliquot the PR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.