

**Anti-PR / Progesterone Receptor Antibody (clone C-80)**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # ALS17390**

### Specification

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#### Anti-PR / Progesterone Receptor Antibody (clone C-80) - Product Information

Application	IHC-P
Primary Accession	<a href="#">P06401</a>
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Calculated MW	98981

#### Anti-PR / Progesterone Receptor Antibody (clone C-80) - Additional Information

**Gene ID** 5241

**Alias Symbol** PGR  
**Other Names**  
PGR, NR3C3, PR, Progesterone receptor

**Target/Specificity**  
Human PR / Progesterone Receptor

**Reconstitution & Storage**  
PBS, 0.05% sodium azide. Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

**Precautions**  
Anti-PR / Progesterone Receptor Antibody (clone C-80) is for research use only and not for use in diagnostic or therapeutic procedures.

#### Anti-PR / Progesterone Receptor Antibody (clone C-80) - Protein Information

**Name** PGR

**Synonyms** NR3C3

**Function**  
The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Depending on the isoform, progesterone receptor functions as a transcriptional activator or repressor.

**Cellular Location**  
Nucleus. Cytoplasm. Note=Nucleoplasmic shuttling is both hormone- and cell cycle-dependent. On hormone stimulation, retained in the cytoplasm in the G(1) and G(2)/M phases [Isoform 4]: Mitochondrion outer membrane

### **Tissue Location**

In reproductive tissues the expression of isoform A and isoform B varies as a consequence of developmental and hormonal status. Isoform A and isoform B are expressed in comparable levels in uterine glandular epithelium during the proliferative phase of the menstrual cycle. Expression of isoform B but not of isoform A persists in the glands during mid-secretory phase. In the stroma, isoform A is the predominant form throughout the cycle. Heterogeneous isoform expression between the glands of the endometrium basalis and functionalis is implying region-specific responses to hormonal stimuli

### **Anti-PR / Progesterone Receptor Antibody (clone C-80) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Anti-PR / Progesterone Receptor Antibody (clone C-80) - Images**