

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

Specification

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

Application	IHC-P
Primary Accession	P06401
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