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

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17390

Product Information

Application	IHC-P
Primary Accession	P06401
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Names	C-80
Calculated MW	98981
Concentration (mg/ml)	0.2 mg/ml

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.

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