

OriGene Technologies, Inc.

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Product datasheet for TA355338

Progesterone Receptor (PGR) Mouse Monoclonal Antibody [Clone ID: 16]

Product data:

Product Type:	Primary Antibodies	
Clone Name:	16	
Applications:	IHC	
Recommended Dilution:	1:100	
Reactivity:	Human	
Host:	Mouse	
lsotype:	lgG1	
Clonality:	Monoclonal	
Immunogen:	Prokaryotic recombinant protein corresponding to the N-terminal region of the A form of the human progesterone receptor	
Specificity:	Human progesterone receptor. A and B forms are detected in Western blotting procedures but only the A form is detected in immunohistochemical procedures. This may be the result of the epitope being inaccessible in the folded B form of the progesterone receptor protein.	
Formulation:	Liquid tissue culture supernatant containing sodium azide as a preservative	
Conjugation:	Unconjugated	
Storage:	Store at 2-8°C	
Stability:	12 months	
Gene Name:	progesterone receptor	
Database Link:	<u>Entrez Gene 5241 Human</u> <u>P06401</u>	



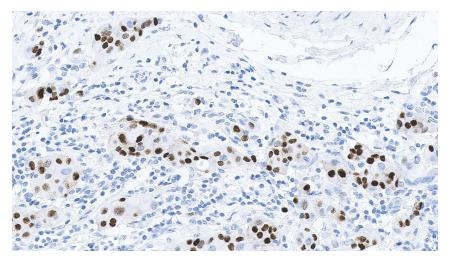
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Background:The human progesterone receptor (PR) is expressed as two isoforms, PRA (94 kD) and PRB
(114 kD), which function as ligand-activated transcription factors. These two isoforms are
transcribed from distinct estrogen receptor (ER)-inducible promoters within a single copy PR
gene.The PRA form is a truncated version of the PRB form, lacking the first 164 N-terminal amino
acids. In humans, PRA acts as a transdominant repressor of the transcriptional activity of
PRB, glucocorticoid receptor, ER, androgen receptor and mineralocorticoid receptor. PRB
functions mainly as a transcriptional activator. PRB is expressed strongly in endometrial
glandular and stromal nuclei in the proliferative phase of the menstrual cycle and weakly
during the secretory phase and early pregnancy.

Synonyms: NR3C3; PR

Product images:



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