

Product datasheet for **TA355341**

Progesterone Receptor (PGR) Mouse Monoclonal Antibody [Clone ID: 16/SAN27]

Product data:

Product Type:	Primary Antibodies
Clone Name:	16/SAN27
Applications:	IHC
Recommended Dilution:	1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to the N-terminal region of the A form of the human progesterone receptor generating clone 16 and a prokaryotic recombinant protein corresponding to the 164 amino acid N-terminal region unique to the B form of the progesterone receptor generating clone SAN27
Specificity:	Human progesterone receptor (both A and B forms) This antibody is supplied as a cocktail of two clones, clone 16, specific for PRA, and SAN27, specific for PRB.
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:	Entrez Gene 5241 Human P06401
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. In vitro studies have indicated that PRA and PRB can activate different target genes and that PRA, in some circumstances, may act as a dominant inhibitor of the function of PRB and other steroid hormone receptors. PRA and PRB are both expressed in normal breast. Most endometrial carcinomas, however, are reported to express only one isoform with either PRA or PRB being expressed.



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Synonyms: NR3C3; PR