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AM05312PU-N **OriGene EU**

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

Monoclonal Antibody to Progesterone receptor - Purified

Alternate names:	NR3C3, Nuclear Receptor Subfamily 3 Group C Member 3, PGR, PR
Catalog No.:	AM05312PU-N
Quantity:	0.1 mg
Concentration:	Lot specific
Background:	Expression of PgR has been suggested to reflect a intact estrogen regulatory machinery and therefore, predict better clinical response to endocrine therapy than ER alone. This antibody is excellent for immunohistochemical staining of formalin/paraffin tissues.
Uniprot ID:	<u>P06401</u>
NCBI:	<u>NP_000917.3</u>
GenelD:	<u>5241</u>
Host / Isotype:	Mouse / IgG
Clone:	hPRa2 + hPRa3
Immunogen:	Hybridoma produced by the fusion of splenocytes from RBF/DN mice immunized with PgR from a human endometrial carcinoma (EnCa 101) grown in athymic mice and mouse myeloma HL-1 Friendly cells. Genename: PGR
Format:	State: Liquid purified IgG fraction Purification: Protein A/G Chromatography Buffer System: PBS containing 0.08% Sodium Azide as preservative
Applications:	Western Blot: 1 μg/ml. Immunoprecipitation: 2 μg/mg of protein lysate. Immunohistochemistry on Frozen and Paraffin Sections: 2-4 μg/ml. Immunofluorescense. <i>Positive Control</i> : T47D or breast carcinoma. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody equally recognizes two proteins: 116kDa (triplet) and 81kDa (singlet), identified as the hormone-binding high (B) and low (A) MW forms of human PgR. Species: Human, Horse and Pig. Other species not tested.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Satyaswaroop PG. Development of a preclinical model for hormonal therapy of human endometrial carcinomas. Ann Med. 1993 Apr;25(2):105-11. PubMed PMID: 8489746.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com

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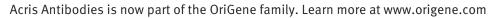
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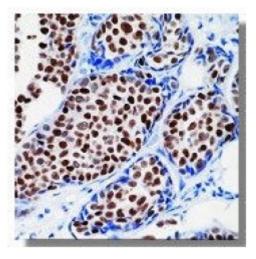
AM05312PU-N: Monoclonal Antibody to Progesterone receptor - Purified

tumor biology, treatment strategies and progesterone receptor physiology in human endometrial carcinoma. Journal of Steroid Biochemistry, 1987, 27(1-3):431-8. 21. Satyaswaroop PG, Zaino RJ, Mortel R. Steroid receptors and human endometrial carcinoma: studies in a nude mouse model. Cancer Metastasis Rev. 1987;6(3):223-41. PubMed PMID: 3690801.

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Pictures: Figure 1. Immunohistochemical staining using PR Antibody (Cat.-No AM05312PU-N) on formalin fixed, paraffin embedded human breast carcinoma.





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