

Mouse anti-Human Progesterone Receptor (Ser294) Monoclonal Antibody | anti-PGR antibody

Anti-Phospho-Ser294 Progesterone Receptor

CATALOG # AAA72748	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, Dot Blot
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PRODUCT SYNONYMS

Progesterone Receptor (Ser294); Monoclonal Antibody; Anti-Phospho-Ser294 Progesterone Receptor; anti-PGR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Specific for the ~90k PR-A isoform and the ~120k PR-B isoform of the Human Progesterone Receptor phosphorylated at Ser ²⁹⁴ . The labeling by the antibody was specifically blocked by the phosphopeptide used as antigen. The corresponding non-phospho-peptide did not block the immunolabeling.
Applicable Applications for anti-PGR antibody	WB (Western Blot), IHC (Immunohistochemistry), DB (Dot Blot)
Quality Control Tests	Dot blots and Western blots performed with each lot.
Packaging	100 ul in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 ug per ml BSA and 50% glycerol. Adequate amount of material to conduct 10-mini Western Blots.
Preparation and Storage	For long term storage -80°C is recommended, but shorter term storage at -20°C is also acceptable as aliquots may be taken without freeze/thawing due to the presence of 50% Glycerol. Stock solutions are stable for a minimum of 1 year at -20°C. Ships on blue ice.

ADDITIONAL INFORMATION

Related Product Information for anti-PGR antibody	Affinity purified mouse monoclonal antibody
References	• Attia GR, Zeitoun K, Edwards D, Johns A, Carr BR, Bulun SE (2000) Progesterone receptor isoform A but not B is expressed in endometriosis. J Clin Endocrinol Metab 85:2897-2902. • Clemm DL, Sherman L, Boonyaratanakornkit V, Schrader WT, Weigel NL, Edwards DP (2000) Differential hormone-dependent phosphorylation of progesterone receptor A and B forms revealed by a phosphoserine site-specific monoclonal antibody. Mol Endocrinol 14:52-65. • Edwards DP (2005) Regulation of signal transduction pathways by estrogen and progesterone. Annu Rev Physiol 67:335-376. • Lin VC, Woon CT, Aw SE, Guo C (2003) Distinct molecular pathways mediate progesterone-induced growth inhibition and focal adhesion. Endocrinology 144:5650-5657.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611914
NCBI GeneID	5241
NCBI Accession #	NP_000917.3

NCBI GenBank Nucleotide #	NM_000926.4
UniProt Accession #	P06401; Q8TDS3; Q9UPF7; A7LQ08; A7X8B0; B4E3T0
NCBI Official Full Name	progesterone receptor isoform B
NCBI Official Synonym Full Names	progesterone receptor
NCBI Official Symbol	PGR
NCBI Official Synonym Symbols	PR; NR3C3
NCBI Protein Information	progesterone receptor; nuclear receptor subfamily 3 group C member 3
UniProt Protein Name	Progesterone receptor
UniProt Gene Name	PGR
UniProt Synonym Gene Names	NR3C3; PR
UniProt Entry Name	PRGR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/progesterone-receptor-ser294-antibody-western-blot-immunohistochemistry-dot-blot-elisa/72748>