

Mouse PGR Monoclonal Antibody | anti-PGR antibody

PGR (Progesterone Receptor, NR3C3, PR) (APC)

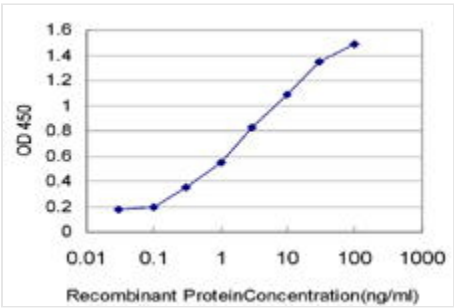
CATALOG # AAA26058	HOST Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PGR; Monoclonal Antibody; PGR (Progesterone Receptor; NR3C3; PR) (APC); Progesterone Receptor; PR; anti-PGR antibody

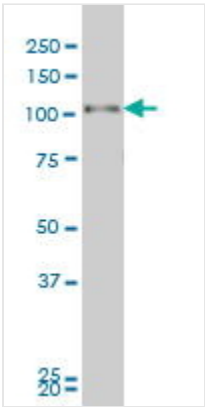
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2C2
Specificity	Recognizes PGR.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-PGR antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	PGR (NP_000917, 1aa-110aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTELKAKGPRAPHVAGGPPSPEVGSPLLCRPAAGPFPGSQTSIDLPEVSAIPISLDGLLFPRPCQGQDPSDEKTQDQQSLSDVEGAYSRAEATRGAGGS
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount for immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge vial prior to removing the cap.



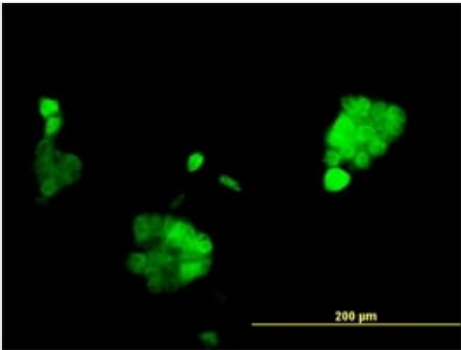
Application Data

Detection limit for recombinant GST tagged PGR is approximately 0.1ng/ml as a capture antibody.



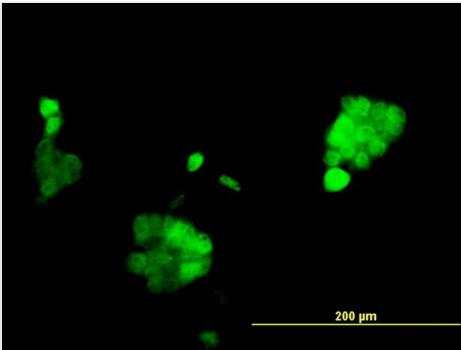
WB (Western Blot)

PGR monoclonal antibody (M04), clone 2C2 Western Blot analysis of PGR expression in A-431.



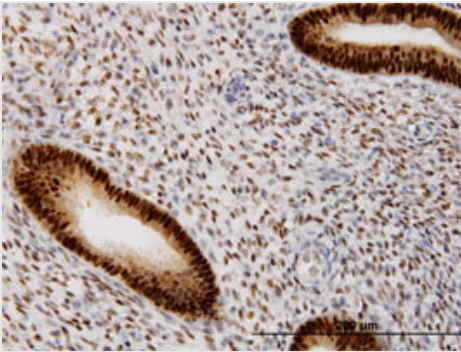
IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to PGR on A-431 cell. [antibody concentration 10 ug/ml]



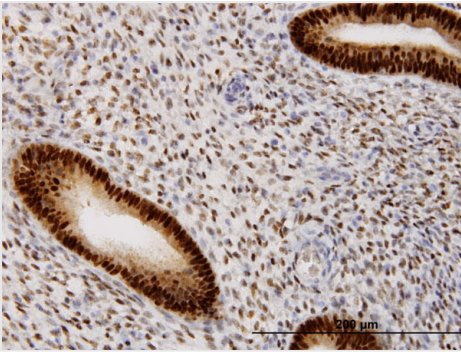
IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to PGR on A-431 cell. [antibody concentration 10 ug/ml]



IHC (Immunohistochemistry)

Immunoperoxidase of monoclonal antibody to PGR on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 1.5 ug/ml]



Application Data

Immunoperoxidase of monoclonal antibody to PGR on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 1.5 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-PGR antibody	Mouse monoclonal antibody raised against a partial recombinant PGR. This PGR gene uses two distinct promoters and translation start sites in the first exon to produce two isoforms, A and B. The two isoforms are identical except for the additional 165 amino acids found in the N-terminus of isoform B. Our immunogen corresponds to the specific region of isoform B, thus this antibody is a PGR isoform B specific antibody.
Product Categories/Family for anti-PGR antibody	Antibodies; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611914
NCBI GeneID	5241
NCBI Accession #	NP_000917
NCBI GenBank Nucleotide #	NM_000926
UniProt Accession #	P06401; Q8TDS3; Q9UPF7; A7LQ08; A7X8B0; B4E3T0
Molecular Weight	87,747 Da
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/pgr-antibody-clone-2c2-immunofluorescence-immunohistochemistry-western-blot-elisa/26058>