

Mouse PGR Monoclonal Antibody | anti-PGR antibody

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

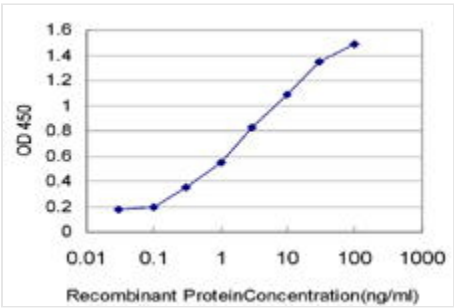
CATALOG # AAA25925	HOST Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

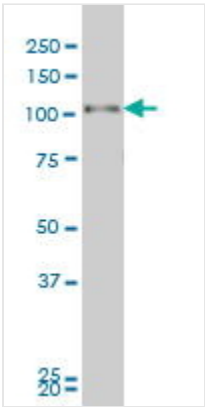
PRODUCT SPECIFICATIONS

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 Alkaline Phosphatase (AP).
Applicable Applications for anti-PGR antibody	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	MTCLKAKGPRAPHVAGGPPSPEVGSPLLCRPAAGPFPGSQTSDTLPEVSAIPISLDGLLFPRPCQGQDPSDEKTQDQQSLSDVEGAYSRAEATRGAGGS
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.



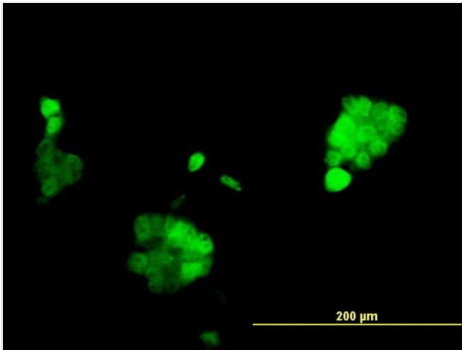
Application Data

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



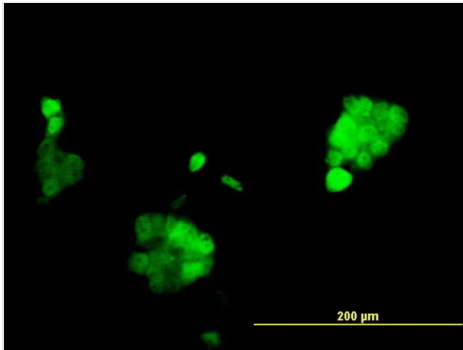
WB (Western Blot)

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



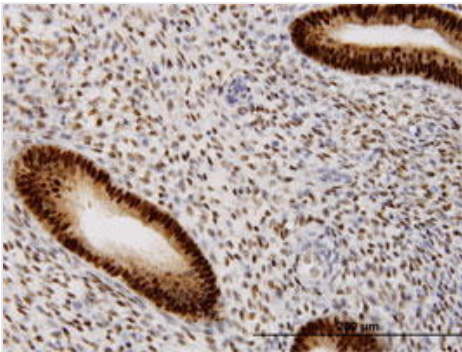
IF (Immunofluorescence)

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



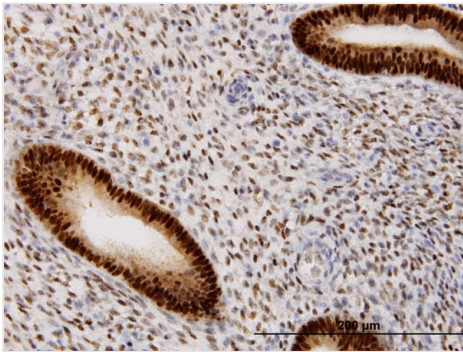
IF (Immunofluorescence)

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-immunohistochemistry-western-blot-elisa/25925>