

Mouse anti-Human, Rat Progesterone Receptor Monoclonal Antibody | anti-PgR antibody

Progesterone Receptor (PgR, PR, Nuclear Receptor Subfamily 3 Group C Member 3, NR3C3) (HRP)

CATALOG # AAA25509	HOST Mouse	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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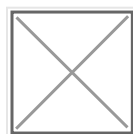
PRODUCT SYNONYMS

Progesterone Receptor; Monoclonal Antibody; Progesterone Receptor (PgR; PR; Nuclear Receptor Subfamily 3 Group C Member 3; NR3C3) (HRP); anti-PgR antibody

PRODUCT SPECIFICATIONS

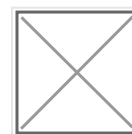
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3E11
Specificity	Recognizes human PGR. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-PgR antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant protein corresponding to aa1-110 from human PGR (NP_000917) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTELKAKGPRAPHVAGGPPSPEVGSPLLCRPAAGPFPGSQTSDTLPEVSAIPISLDGLLFPRPCQGQDPSDEKTQDQQSLSDVEGAYSRAEATRGAGGS
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in PBS. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the o at 4 degree C and prior to removing the cap.

IMAGES



Application Data

Detection limit for recombinant GST tagged PGR is ~0.3ng/ml as a capture antibody.

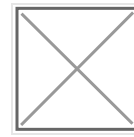


IF (Immunofluorescence)

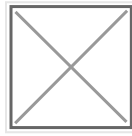
Immunofluorescence of monoclonal antibody to PGR on MCF-7 cell. [antibody concentration 10ug/ml]

**IHC (Immunohistochemistry)**

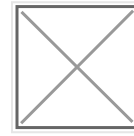
Immunoperoxidase of monoclonal antibody, 131852, to PGR on formalin-fixed paraffin-embedded human breast cancer. [antibody concentration 3ug/ml]

**WB (Western Blot)**

PGR monoclonal antibody, 131852, Western Blot analysis of PGR expression in MCF-7.

**WB (Western Blot)**

PGR monoclonal antibody, 131852, Western Blot analysis of PGR expression in PC-12.

**WB (Western Blot)**

Western Blot detection against Immunogen, 131852 (37.84kD)

ADDITIONAL INFORMATION

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/progesterone-receptor-antibody-clone-3e11-immunohistochemistry-western-blot-elisa/25509>