

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

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25215	Mouse	Human, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

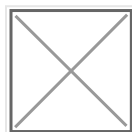
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

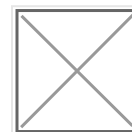
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3E11
Specificity	Recognizes human PGR. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-PgR antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/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	MTELKAKGPRAPHVAGGPPSPEVGSPLLCRPAAGPFGSQTSDTLPEVSAIPISLDGLLFPRPCQGQDPSDEKTDQDQSLSDVEGAYSRAEATRGAGGS
Conjugate	FITC
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. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



Application Data

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

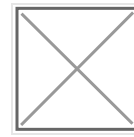


IF (Immunofluorescence)

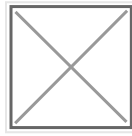
Immunofluorescence of monoclonal antibody to PGR on MCF-7 cell. [antibody concentration 10ug/ml]

**IHC (Immunohistochemistry)**

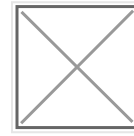
Immunoperoxidase of monoclonal antibody, 131852, to PGR on formalin-fixed paraffin-embedded human breast cancer. [antibody concentration 3ug/ml]

**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-immunofluorescence-immunohistochemistry-western-blot-elisa/25215>