

PGR (phospho S162) monoclonal antibody, clone 1064/E2

Catalog # MAB2467

Size 100 uL

Specification

Product Description	Mouse monoclonal antibody raised against synthetic phosphopeptide of PGR.
Immunogen	Synthetic phosphopeptide corresponding to amino acids 156-169 residues surrounding S162 of human PGR.
Sequence	ATQRVLS(PO3)PLMSRSG
Host	Mouse
Reactivity	Human, Mouse
Specificity	Phosphoserine 162 in human PGR (isoform B). Cross reacts with phosphoserine 163 in mouse progesterone receptor.
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (5-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunoprecipitation

Gene Info — PGR

Entrez GeneID	5241
Gene Name	PGR
Gene Alias	NR3C3, PR
Gene Description	progesterone receptor
Omim ID	607311
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the steroid receptor superfamily. The encoded protein mediates the physiological effects of progesterone, which plays a central role in reproductive events associated with the establishment and maintenance of pregnancy. This 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 A only, and mediate their own response genes and physiologic effects with little overlap. The location of transcription initiation for isoform B has not been clearly determined. [provided by RefSeq]
Other Designations	-

Publication Reference

- [Human progesterone receptor displays cell cycle-dependent changes in transcriptional activity.](#)

Narayanan R, Edwards DP, Weigel NL.

Molecular and Cellular Biology 2005 Apr; 25(8):2885.

Application: WB-Tr, Human, Cat0 cells

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Adhesions](#)
- [Aortic Aneurysm](#)

- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Fetal Diseases](#)
- [Gender Identity](#)
- [Genetic Predisposition to Disease](#)
- [Hyperprolactinemia](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Infertility](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Leiomyoma](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)

- [Lymphoma](#)
- [Migraine Disorders](#)
- [Musculoskeletal Diseases](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Cysts](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Panic Disorder](#)
- [Peritoneal Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Proteinuria](#)
- [Psychiatric Status Rating Scales](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Skin Diseases](#)
- [Stomach Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)

- [Urinary Bladder Neoplasms](#)
- [Uterine Diseases](#)
- [Uterine Neoplasms](#)
- [Vertigo](#)
- [Werner syndrome](#)