

Datasheet for ABIN7193644

anti-Progesterone Receptor antibody (AA 166-411)

5 Images

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Overview

Quantity:	0.1 mg
Target:	Progesterone Receptor (PGR)
Binding Specificity:	AA 166-411
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Progesterone Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human PGR (AA:166-411) expressed in E. coli.
Clone:	2E4B9
Isotype:	IgG1
Purification:	purified

Target Details

Target:	Progesterone Receptor (PGR)
Alternative Name:	PGR (PGR Products)
Background:	Description: 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

Target Details

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 several transcript variants, both protein coding and non-protein coding. Two of the isoforms (A and B) are identical except for an additional 165 amino acids found in the N-terminus of isoform B and mediate their own response genes and physiologic effects with little overlap.

Aliases: PR, NR3C3

Molecular Weight:	99 kDa
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Gene ID:	5241
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Pathways:	Nuclear Receptor Transcription Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Smooth Muscle Cell Migration
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Application Details

Application Notes:	WB:1:500 - 1:2000, IHC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,
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Restrictions:	For Research Use only
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Handling

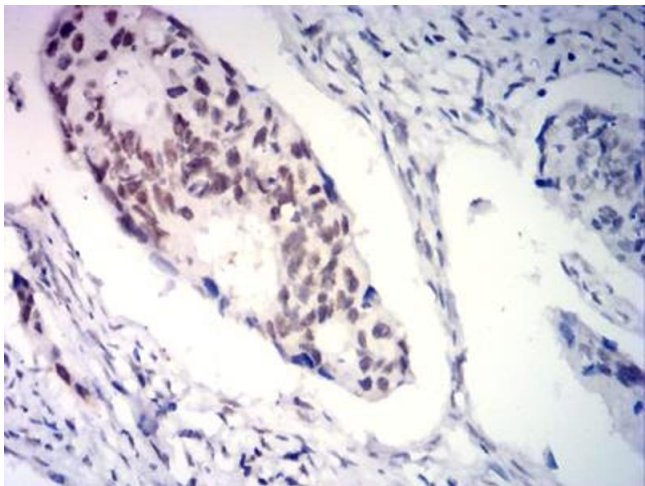
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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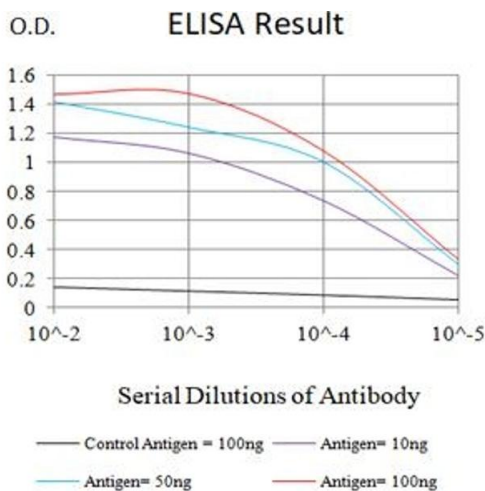
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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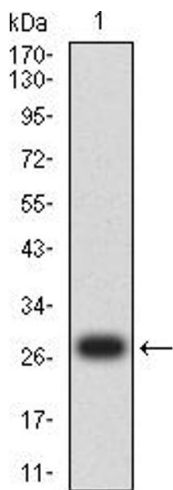
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded rectal cancer tissues using PGR mouse mAb with DAB staining.



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using PGR mAb against human PGR (AA: 166-411) recombinant protein. (Expected MW is 27.8 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193644.