Product Name: PGR Mouse Monoclonal Antibody
Catalog #: AMM80646
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	/

Antigen Information

Gene Name	PGR
Alternative Names	PR; NR3C3; PGR
Gene ID	5241.0
SwissProt ID	P06401
Immunogen	Purified recombinant fragment of PGR (aa731-909) expressed in E. Coli.

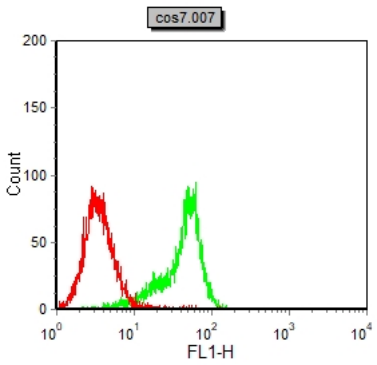
Background

PGR: progesterone receptor. 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 promotors and translation start sites in the first exon to produce

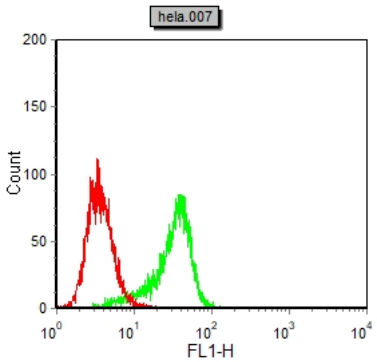
two isoforms, A and B. The two isoforms are identical except for the additional 165 amino acids found in the N-terminus of isoform A only, and mediate their own response genes and physiologic effects with little overlap. The location of transcription initiation for isoform B has not been clearly determined.

Research Area

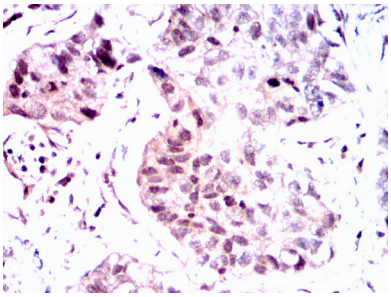
Image Data



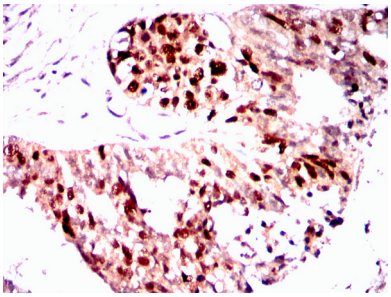
Flow cytometric analysis of COS7 cells using PGR mouse mAb (green) and negative control (red).



Flow cytometric analysis of HELA cells using PGR mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using PGR mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer