

Mouse Monoclonal Antibody to PGR

Catalogue Number sAP-0170

Target Molecule **Name:** PGR

Aliases: PR; NR3C3; PGR

MW: N/A

Entrez Gene ID: 5241

Description 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 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.

Immunogen Purified recombinant fragment of PGR (aa731-909) expressed in E. Coli. ;

Reactive Species Human

Clone MM2C11F11;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

Reconstitution/Storages Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1. Cancer Sci. 2006 Dec;97(12):1308 ; 2. Mol Endocrinol. 2006 Nov;20(11):2656-70.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**