



PGR Mouse Monoclonal Antibody

E10-20205

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 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.

Catalog Number: E10-20205

Amount: 100µg/100µl

Clone Number: 2C11F11

Species: Mouse IgG2b

Aliases: PR; NR3C3; PGR

Entrez Gene: 5241

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

Storage: Store at 4 °C for long term storage, store at -20 °C for short term storage.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB. 1/500 - 1/2000. ELISA. Propose dilution 1/10000.

Figure 1. Western blot analysis using PGR mouse mAb against truncated Trx-PGR recombinant protein (1) and truncated PGR (aa731-909)-His recombinant protein (2).