

PGR Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4175
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of PGR (aa730-871) expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	PR;NR3C3;PGR

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

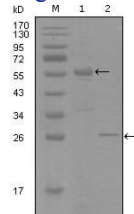
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using PGR mouse mAb against truncated MBP-PGR recombinant protein (1) and truncated Trx-PGR(aa730-871) recombinant protein (2).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.