



**Category:** Monoclonal Antibodies  
**Product Name:** Mouse Monoclonal Antibody to PGR

**Catalog Number:** MAB-606020268

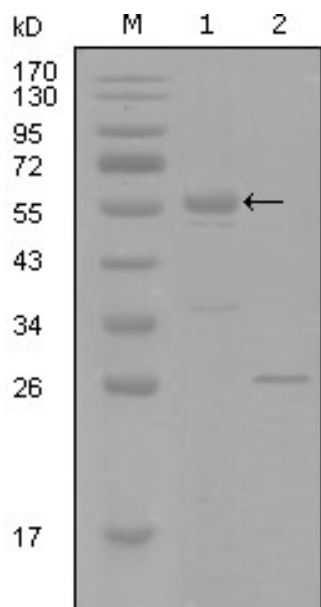


Figure 1: Western blot analysis using PGR mouse mAb against truncated MBP-PGR recombinant protein (1) and truncated Trx-PGR(aa730-871) recombinant protein (2).

Lot#:  
Clone#: 8A11H1  
Host and isotype: Mouse IgG1  
Size: 0.1ml  
MW:  
Aliases: PR; NR3C3; PGR  
Entrez Gene: 5241  
Species reactivity: Human

**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 (aa730-871) expressed in E. Coli.

**Application** Western Blotting: 1/500 - 1/2000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

**Formulation** Ascitic fluid containing 0.03% sodium azide.

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

#### Related product References

1. Cancer Sci. 2006 Dec;97(12):1308.
2. Mol Endocrinol. 2006 Nov;20(11):2656-70.
3. Mol Endocrinol. 2007 Jan;21(1):106-25.
4. J Clin Endocrinol Metab. 2007 Nov;92(11):4459-66.

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