

Mouse Monoclonal Antibody to PR

Catalogue Number sAP-0085

Target Molecule **Name:** PR

Aliases: PR; NR3C3; PGR

MW: N/A

Entrez Gene ID: 5241

Description PR(progesterone receptor), with 933-amino acid protein (about 110kDa), a member of the steroid receptor superfamily, mediates the physiologic effects of progesterone, PR is mediated by two functionally different isoforms of the progesterone receptor, the full length PR-B and the short form PR-A. The PR-A and PR-B proteins are 94 kDa and 114 kDa respectively. That are equimolar in the normal breast but dysregulated in advanced disease. PR is prognostic markers in breast cancers irrespective of the patient's pregestational status Human progesterone.

Immunogen Purified recombinant fragment of PR expressed in E. Coli.

Reactive Species Human

Clone MM2F12B4;

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; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1. McGuire, W.L., et al. 1986. *Cancer.Surv.*5:527-536. ; 2. Helena CD, Curt WB, Paul V,et al. 2000. *J.Clin. Pathol.* 53:201-205. ; 3. Wen, D.X., et al. 1994. *Mol.Cell.Biol.*14:8356-8364. ; 4. GM Clark, CK Osborne, WL McGuire.1984. *J. Clin. Oncol.*, 2:1102-1109.

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 end users! This product is sold for **Research Use Only**