

## Rabbit Monoclonal anti-PR, Clone Y85

60-0056; 60-0056-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0056	1 mL Concentrate Antibody
Isotype	N/A
Concentration	See container label

**Intended Use** Analyte Specific Reagent.  
Analytical and performance characteristics are not established.

**Description** The human progesterone receptor (PR), is a ligand-activated transcription factor and is a member of the steroid receptor family. PR exists in humans as two isoforms. PR is predominantly expressed in female sex steroid responsive tissues such as the mammary gland, uterus and ovary, but is also found in other tissues such as prostate stromal cells, anterior pituitary gland, and endocrine cells of the Langerhans' islets.

The antibody reacts with both isoforms of human PR.

**Reagent provided** This antibody is cell culture supernatant diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide ( $\text{NaN}_3$ ) as antimicrobial agent.

**Precautions** For professional users  
Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.  
Sodium azide is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of  $\text{NaN}_3$  may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

## Usage

**Dilution** 60-0056; 60-0056-7: Ready-To-Use  
61-0056: Concentrate  
Each lot is quality control tested by immunohistochemistry on selected formalin-fixed, paraffin-embedded breast carcinoma tissue sections and heat pretreated using Genemed Citrate Buffer pH 6 (10-0022). In these tests, 60-0056 and 60-0056-7 are used as Ready-To-Use and 61-0056 is used at a dilution of 1:50-100 for 30-60 minutes at room temperature, and Acu-Stain™ detection system is used. Nucleus staining was graded under light microscope. Each user has to determine optimal dilution for their application.

**Storage** Store at 2-8°C.


**References**

1. Evans, R. M. Science 1988. 240:889-895
2. McGuire WL, et al. Semin Oncol. 1983 Dec;10(4 Suppl 4):2-6
3. Ravdin PM, et al. J Clin Oncol. 1992 Aug;10(8):1284-91

## Symbols

  
Catalog No.

  
Batch No.

  
Temperature Range

  
Use By