

Progesterone Receptor (PR) (AB1582) mouse mAb

W0391

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat; Rabbit;

Applications

- IHC; WB; IF; ELISA

MW

- 118 kDa (calculated)
- 99 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:100-1:500 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1582

Immunogen A synthetic peptide corresponding to the amino acid region 200 - 300 of the human Progesterone Receptor protein.

Specificity The antibody can specifically recognize human PR protein, including PR-A and PR-B.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name PGR

Protein Name Progesterone Receptor

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P06401	5241

Background There are two isoforms of progesterone receptor, PRA (94 kDa) PRB (114 kDa) , which exist in normal endometrium and breast epithelial cells. Their function is to regulate the expression of genes as transcription factors and affect cytotoxic proliferation and differentiation. A large number of studies show that breast cancer patients with positive ER and PR have good endocrine therapy effect, high remission rate, low recurrence rate and good prognosis. Therefore, PR has been used as a routine examination item for breast cancer patients.