

Progesterone Receptor Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 3341

Size: 100 ug Protein G-purified antibody in PBS, pH 7.4

SPECIFICATION SUMMARY

Antigen: 6-His fusion protein containing the region encoding aa 1-101 of human progesterone receptor expressed in *E. coli*.

Host Species: Mouse

Antibody Class: IgG2a/ κ

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes human progesterone receptor (PgR), a member of the steroid family of nuclear receptors. PgR is found as a 94 kD protein (Form A) or a 120 kD protein (Form B). Binding of progesterone to its receptor results in a conformational change that allows dimerization and binding of the receptor to progesterone response elements and activated transcription. When bound to DNA, PgR can positively or negatively regulate gene transcription.

APPLICATIONS

Immunoblotting: use at 1-5 ug/ml.

Positive controls: MCF7 cells or recombinant protein.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -70°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.