

Anti human PR common mouse monoclonal antibody

PR common: Progesterone Receptor

Code No PP-A9621A-00

Clone No. A9621A

Lot. A-2

Concentration 1 mg/mL

Volume 100 uL

Ig Class G1

Description Progesterone receptor (PR; NR3C3) is a member of steroid receptor (GR, AR, MR, ER). PR binds progesterone. PR is expressed in uterus, ovary, vagina, fallopian tubes and breast. PR plays a central role in diverse reproductive events associated with establishment and maintenance of pregnancy, alveolar development in the breast, and sexual behavior. Two isoforms of this receptor have been identified, PR-A and PR-B, 94 and 114 kDa in size, respectively.

Nomenclature NR3C3

Genbank M15716

Origin Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human PR isoform A (166-263 aa) .

Specificity This antibody specifically recognizes human PR isoform A and B, and cross reacts with mouse and rat PR isoform A and B.

Purification Ammonium sulfate fractionation

Formulation Physiological saline with 0.1% NaN₃ as a preservative.

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot 1 ug/mL

Non reducing Western Blot 1 ug/mL

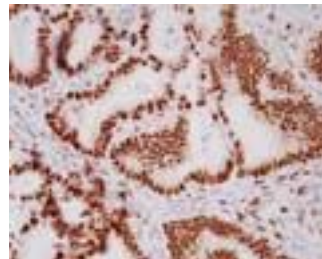
ELISA 10 ng/mL (A492=1.0)

Immunoprecipitation Decide by use

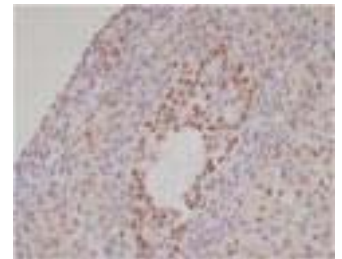
Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry 10-20 ug/mL



Human
Endometrial cancer
paraffin section



Rat
Ovary
paraffin section

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

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MADE IN JAPAN

Apr 4, 2018