Human progesterone receptor
Clone 1A6
Cat. no. MONX10124

Specificity
MONX10124 is recommended for determining the progesterone receptor alpha status of breast cancer tissue.

Immunoglobulin type
Mouse IgG1

Use
The antibody can be used for immunohistochemistry on paraffin sections.

Instructions for use
Immunohistochemistry:
1:40 for 60 minutes at 25°C. High temperature antigen retrieval using 0.01M citrate retrieval solution (pH 6.0) is recommended. This is provided as a guide and users should determine their own optimal working dilutions.

Specimen preparation: The recommended fixative is 10% neutral-buffered formalin for paraffin-embedded tissue sections.

Immunogen: Synthetic peptide corresponding to a site of predicted high antigenicity on the human progesterone receptor.

Positive control
Endometrium.

Presentation
MONX10124 is a lyophilized tissue culture supernatant containing 15mM sodium azide as a preservative. The user is required to reconstitute the contents of the vial with the correct volume of sterile distilled water as indicated on the vial label.

Total protein concentration: 1.0 - 8.0g/L. Refer to vial label for batch specific total protein concentration.
Antibody concentration: Greater than or equal to 40.5 mg/L as determined by ELISA. Refer to vial label for batch specific Ig concentration.
Literature
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4. Omata M, Liew CT, Ashcavai M, Peters RL. Nonimmunologic binding of horseradish
peroxidase to hepatitis B surface antigen: a possible source of error in immunohistochemistry.
5. Kawahara K and Shimazu A. Expression and intracellular localization of progesterone receptors
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the female lower urinary tract, with reference to oestrogen status. BJU Int 2000 86(1), 32-38.
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and their axillary lymph node metastases - immunohistochemical investigations of routine formalin-
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immunohistochemistry for the detection of hormone receptors in breast carcinoma: comparison with
biochemical determination in a prospective study of 793 cases. Histopathology 2000 37(6), 536-
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fine-needle aspirates of breast. American Journal of Clinical Pathology 1999 112(1), 50-56.
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receptors to identify metastatic breast and ovarian carcinomas by conventional
immunohistochemical and tyramide signal amplification methods. Modern Pathology 1998 11(4),
357-363.
14. Ravn V, Havsteen H and Thorpe SM. Immunohistochemical evaluation of estrogen and
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228-232.
16. Dhaliwal GK, England GC and Noakes DE. Immunocytochemical localization of oestrogen and
progesterone receptors in the uterus of the normal bitch during oestrus and metoestrus. J Reprod
17. McGinley KM, Bryant S, Kattine AA et al. Cutaneous leiomyomas lack estrogen and

Storage and Handling
Store unopened antibody at 2-8°C. Under these conditions, there is no significant loss in product performance up to the expiry date indicated on the vial label. Do not use after expiration date indicated on the vial label. The reconstituted antibody is stable for at least two months when stored at 2-8°C. For long term storage, it is recommended that aliquots of the reconstituted antibody are stored frozen at -20°C (frost-free freezers are not recommended). Repeated freezing and thawing must be avoided. Prepare working dilutions on the day of use. Return to 2-8°C immediately after use. Storage conditions other than those specified above must be verified by the user.

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