

QSX-Enh-P PR, ASR (Clone YR85)

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| Catalog Number: | AP32053-004 |
| Format/ Size: | Cartridge, 4mL |
| Dilution: | Ready-to-use |

Intended Use:

Analyte Specific Reagent. Analytical and performance characteristics are not established.

Summary and Explanation:

QSX-Enh Progesterone Receptor (PR), Clone (YR85) is a ready-to-use rabbit monoclonal antibody against human PR. Progesterone receptor is a member of the steroid-receptor family. Steroid hormones bind to intracellular receptors which in turn can bind to DNA to regulate gene expression directly.

| Clone | Species | Total Protein Conc. |
|-------|---------|---------------------|
| YR85 | Rabbit | 10 mg/ml |

Application:

Immunohistochemistry.

Supplied As:

Liquid, buffered protein reagent with ProClin™ 300 preservative.

Storage and Handling:

This product should be stored at 2-8°C and is suitable for use until expiration date when stored at this temperature. Do not freeze. Do not use the product after expiration date unless dating extension information is provided by Novodix.

Specimen Preparation:

Paraffin Sections: Tissues routinely processed, neutral buffered 10% formalin-fixed are suitable for use prior to paraffin embedding. Consult references (Kiernan, 1981; Sheehan & Hrapchak, 1980). Variable results may occur as a result of prolonged fixation. Each section should be cut to the appropriate thickness (approximately 4-5 µm) and placed on a positively charged glass slide. Slides containing the tissue section may be baked for at least one hour but not exceeding 24 hours in a 58-60°C±5°C oven. Osseous tissues should be decalcified prior to tissue processing to facilitate tissue cutting and prevent damage to microtome blades (Kiernan, 1981; Sheehan & Hrapchak, 1980).

Bibliography:

1. Kiernan JA. Histological and Histochemical Methods: Theory and Practice. New York: Pergamon Press 1981.
2. Sheehan DC and Hrapchak BB. Theory and Practice of Histotechnology. St. Louis: C.V. Mosby Co. 1980.
3. Nadj M, Morales AR. Immunoperoxidase, part I: the techniques and its pitfalls. Lab Med, 1983;14:767-771.
4. Staebler A, Am J Surg Pathol 2002;26:998.
5. Mohsin SK, Mod Pathol 2004;17:1545.
6. Press M, et al. Comparison of different antibodies for detection of progesterone receptor in breast cancer steroids. Steroids. 2002 Aug; 67(9):799-813.

