

Progesterone Receptor [PgR636]

Prediluted Mouse Monoclonal Antibody

Control Number: 903-343IP-021511

Catalog Number:
IP 343 G10

Description:
10 ml, prediluted

Quality Statement:

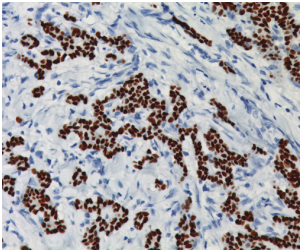
Biocare protocols have been standardized using in-house antibodies, detection and accessory reagents for use on the intelliPATH FLX automated stainer. Pre-optimized intelliPATH FLX protocols with preset parameters can be displayed, printed and edited according to the procedure in the operator's manual. Refer to the operator's manual for additional instruction to navigate intelliPATH FLX software and stainer. Use TBS for washing steps unless otherwise specified.

Intended Use:

Analyte Specific Reagent. Analytical and performance characteristics have not been established.

Summary & Explanation:

The progesterone receptor is a member of the steroid-receptor family. Steroid hormones bind to intracellular receptors, and these receptors can bind to DNA and regulate gene expression directly. Research has shown PR to reflect intact estrogen regulatory machinery. PR staining patterns observed include: ER+ and PR+, ER+ and PR-, ER- and PR+, and ER- and PR-. This PR antibody provides excellent staining in formalin-fixed paraffin-embedded tissues and has been shown to have superior sensitivity to most progesterone receptor antibodies.¹



Normal breast tissue stained with Progesterone Receptor [PgR636].

Clone: PgR636

Isotype: IgG1/kappa

Antibody Category: Breast Cancer

Known Applications:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Supplied As:

Buffer with protein carrier and preservative.

Storage and Stability:

Store at 2°C to 8°C. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user. Diluted reagents should be used promptly; any remaining reagent should be stored at 2°C to 8°C.

Limitations and Warranty:

There are no warranties, expressed or implied, which extend beyond this description. Biocare is not liable for property damage, personal injury, or economic loss caused by this product.

References:

1. Press M, Spaulding B, Groshen S, Kaminsky D, Hagerty M, Sherman L, Christensen K, Edwards DP. Comparison of different antibodies for detection of progesterone receptor in breast cancer steroids. *Steroids*. 2002 Aug; 67(9):799-813.
2. Center for Disease Control Manual. Guide: Safety Management, NO. CDC-22, Atlanta, GA. April 30, 1976 "Decontamination of Laboratory Sink Drains to Remove Azide Salts."
3. National Committee for Clinical Laboratory Standards (NCCLS). Protection of laboratory workers from infectious diseases transmitted by blood and tissue; proposed guideline. Villanova, PA 1991;7(9). Order code M29-P.

