Progesterone Receptor (PR) [1A6]

Concentrated and Prediluted Monoclonal Antibody

Control Number: 903-055-111314

Catalog Number:	**ACA 055 A**	**APA 055 AA**
Description:	0.1 ml, concentrated	6.0 ml, prediluted
Dilution:	1:50-1:100	Ready-to-use
Diluent:	Van Gogh Yellow	N/A

Intended Use:

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

Summary & Explanation:

This progesterone receptor (PR) monoclonal antibody recognizes both PR-alpha and PR-beta (1). It is produced from a synthetic peptide to human PR and is excellent for immunohistochemistry. Research has shown PR to reflect intact estrogen regulatory machinery, and predicts a higher response to endocrine therapy than ER alone (2). PR staining patterns can vary.

Source: Mouse monoclonal

Clone: 1A6

Isotype: IgG1

Known Applications:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Supplied As:

Buffer with protein carrier and preservative

Storage and Stability:

Store at 2ºC to 8ºC. 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 2ºC to 8ºC.

Analyte Specific Reagent Note:

The Progesterone Receptor (PR) [1A6] antibody has been quality controlled by IHC using Biocare's MACH 4 Detection System with antigen retrieval. However, it is the responsibility of the laboratory or end-user to develop their own protocol and label appropriate disclaimer.

References:

1. Fukuda K, *et al.* Prognostic significance of progesterone receptor immunohistochemistry in endometrial carcinoma. Gynecol Oncol. 1998 Jun; 69(3):220-5.
2. Kumar NS, *et al.* Selective down-regulation of progesterone receptor isoform B in poorly differentiated human endometrial cancer cells: implications for unopposed estrogen action. Cancer Res. 1998 May 1; 58(9):1860-5.
3. 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."
4. Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition CLSI document M29-A4 Wayne, PA 2014.

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