Progesterone Receptor (PR) [16]

Concentrated and Prediluted Monoclonal Antibody
903-424-082322

BIOCARE MEDICAL

Available Product Formats				
Format	Catalog Number	Description	Dilution	Diluent
Concentrate	ACA 424 A, C	0.1, 1.0 mL	1:100	Van Gogh Yellow
ONCORE	OAA 424 T60	60 tests	Ready-to-use	N/A
ONCORE Pro	OPAA 424 T60	60 tests	Ready-to-use	N/A
UltraLine	AVA 424 G	6.0 mL	Ready-to-use	N/A
Q Series	ALA 424 G7	7.0 mL	Ready-to-use	N/A

Intended Use:
Analyte Specific Reagent. Analytical and performance characteristics are not established.

Summary & Explanation:
Studies have shown PGR clone 16 is directed against the human progesterone receptor molecule (1-5). A prokaryotic recombinant protein, corresponding to the N-terminal region of the A form of human progesterone receptor, was used as the immunogen. Antibody characterization studies demonstrated that PGR clone 16 reacts with both A and B forms of human progesterone receptor by Western blotting procedure (4).

Source: Mouse monoclonal
Clone: 16
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. The product is stable to the expiration date printed on the label, when stored under these conditions. Do not use after expiration date. Diluted reagents should be used promptly; any remaining reagent should be stored at 2ºC to 8ºC.

References:

1. Qiu J, *et al.* Effect of delayed formalin fixation on estrogen and progesterone receptors in breast cancer: a study of three different clones. Am J Clin Pathol. 2010 Nov; 134(5):813-9.
2. Arihito K, *et al.* Comparison of evaluations for hormone receptors in breast carcinomas using two manual and three automated immunohistochemical assays. Am J Clin Pathol. 2007 Mar; 127(3):356-65.
3. Press M, *et al.* Comparison of different antibodies for detection of progesterone receptor in breast cancer steroids. Steroids. 2002 Aug; 67(9):799-813.
4. Mote P, *et al.* Detection of progesterone receptor forms A and B by immunohistochemical analysis. J Clin Pathol. 2001 Aug; 54(8):624-30.
5. Bevitt D, *et al.* New monoclonal antibodies to oestrogen and progesterone receptors effective for paraffin section immunohistochemistry. J Pathol. 1997 Oct; 183(3):228-32.
6. 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."
7. 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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