

Product: Anti-Progesterone Receptor
Catalog #: 03-16077
Amount: 200 ml

CATEGORY: Mouse monoclonal

CLONE DETERMINATION: 1A6

IMMUNOGLOBULIN CLASS: IgG₁

FORM: Culture Supernatant

IMMUNOGEN: Synthetic peptide

CLINICAL APPLICATION/

SPECIFICITY:

The antibody specifically stains tumor cells nuclei, no cytoplasmic staining. The antibody is directed against an epitope at the C-terminal part of the human progesterone receptor.

RECOMMENDED FOR

POSITIVE CONTROL:

APPLICATION:

Human breast carcinoma
Immunocytochemistry, Immunohistochemistry, suitable for frozen and paraffin embedded sections after microwave treatment.

WORKING DILUTION:

DILUTION BUFFER:

STORAGE:

1:5 to 1:10 for immunohistochemistry
PBS with 0.5% BSA and 0.1% sodium azide
2-8°C for immediate use, or at -20°C (aliquot)

Application on paraffin sections:

- Fixation: Small tissue blocks should be fixed as soon as possible after removal, in 10% buffered formalin. The fixation time should exceed 24 hours. During the embedding process temperatures must be kept below 60°C.
- Mount sections on slides coated with an appropriate medium (Vectabond, APES) at 37°C overnight followed by drying at 56°C for 60 minutes.
- Deparaffinize sections and rehydrate to distilled water.

Antigen Retrieval:

- Place slides in a coplin jar containing 0.01M Sodium Citrate buffer, pH 6.0
- Incubate for 3x5 minutes in a microwave oven (750W) with 1 min intervals
- Quench sections for 30 min at room temperature
- Rinse for 30 min in PBS
- Block endogeneous peroxidase activity (0.3% H₂O₂ in 50% methanol)
- Apply (approximately diluted) Receptor Antibody
- Continue immunohistochemical staining procedure with conjugate and substrate reaction

REFERENCE:

Snyders, MP et al. (1992) J. Pathol. **166**: 171-177

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