Rabbit anti human p53 protein (CM1)
Polyclonal
Cat. no. PSX1020

Specificity
Human p53 protein wild type and mutant forms under denaturing and non-denaturing conditions. PSX1020 is recommended for determining the p53 status of a variety of carcinomas, including breast and colorectal carcinomas.

Use
The antibody can be used for immunohistochemistry on paraffin sections.

Instructions for use
Suggested dilution: 1:50-1:100 for 60 minutes at 25°C. High temperature antigen retrieval using 0.01M citrate retrieval solution (pH 6.0) is recommended. This is provided as a guide and users should determine their own optimal working dilutions.

Specimen Preparation: The recommended fixative is 10% neutral-buffered formalin for paraffin-embedded tissue sections.

Positive control
includes breast and colorectal carcinomas, a proportion of which are positive.

Presentation
PSX1020 is a lyophilised rabbit polyclonal antiserum presented in phosphate-buffered saline (pH7.6) with 1% bovine serum albumin carrier protein and containing 15mM sodium azide as a preservative. The user is required to reconstitute the contents of the vial with the correct volume of sterile distilled water as indicated on the vial label.

Total protein concentration: Greater than 30 g/L. Refer to vial label for batch specific total protein concentration.
Antibody concentration: Not available.

Literature
5. Horne GM, Anderson JJ, Tiniakos DG, et al. p53 protein as a prognostic indicator in breast carcinoma: a comparison of four antibodies for...

Storage and Handling
Store unopened antibody at 2-8°C. Under these conditions, there is no significant loss in product performance up to the expiry date indicated on the vial label. The reconstituted antibody is stable for at least two months when stored at 2-8°C. For long term storage, it is recommended that reconstituted aliquots of the antibody are stored frozen at –20°C (frost-free freezers are not recommended). Repeated freezing and thawing must be avoided. Prepare working dilutions on the day of use. Return to 2-8°C immediately after use. Do not use after expiration date indicated on the container label. Storage conditions other than those specified above must be verified by the user.

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