Mouse P53 Protein (CM5), Polyclonal
Cat. no. PSX1021

Specificity
The accumulation of p53 protein in response to genotoxic stress in vitro is well established and appears to induce growth arrest and apoptosis by the transcriptional regulation of other genes, and possibly by other direct mechanisms. PSX-1021 is useful in the analysis of fixed tissue from rodent models of tumorigenesis, genotoxic stress and transgenic systems.

Use
The antibody can be used for immunohistochemistry and paraffin sections. It can also used for Western Blotting.

Instructions for use
Immunohistochemistry:
Typical working dilution 1:500 - 1:1000.
High temperature antigen unmasking technique.
60 minutes primary antibody incubation at 25oC.
Standard ABC technique.

Western blotting:
Typical working dilution 1:250 - 1:500.

Positive control
Irradiated mouse spleen or mouse T3T3 cells.

Presentation
Lyophilised rabbit serum diluted in PBS with 1% BSA containing 15mM sodium azide.
Reconstitute with 0.2ml of sterile distilled water as indicated on vial label.

Literature

Storage and Handling
Store unopened lyophilised antibody at 4oC. 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 4oC. For long term storage, it is recommended that aliquots of the antibody are frozen at -20oC (frost-free freezers are not recommended). Repeated freezing and thawing must be avoided. Prepare working dilutions on the day of use.

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