
Monoclonal Antibody to Human p53 Tumor Suppressor Gene Product

Monoclonal antibody BP53-12 recognizes mutant as well as wild-type p53 antigen (peptides 5 and 6). It is suitable in the research of p53 tumour suppressor gene function, in the detection of p53 expression and/or mutation in clinical specimens. The antibody is applicable as a possible marker in the differential diagnosis of p53 positive versus p53 negative human tumours.

Product Number:	T-1319 (Lot 01AO9906)
Clone:	BP53-12
Host species, isotype:	Mouse IgG2a
Quantity:	200µg
Format:	Diluted ascites, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% sodium azide as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Applications:	Tested for immunohistochemistry (IHC). Approximate working dilution for IHC: Frozen sections: 2µg/ml (1:200) Paraffin sections: 4µg/ml (1:100); microwave pretreatment for antigen retrieval is recommended. Optimal dilutions should be determined by the end user. Suggested positive control: Human p53 positive tumours. Please see www.bma.ch for protocols and general information.

Selected references

Bártková, J. et al.: Int. J. Cancer **46**, 839 (1990)
Bártek, J. et al.: Oncogene **6**, 1699 (1991)
Kovarik, J. et al.: Oncology **8**, 39 (1993)

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.