Product datasheet

anti-p53 mouse monoclonal, BP53.12, ascites

Short overview

Cat. No.	18314
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2a
Clone	BP53.12
Immunogen	Human recombinant p53 protein
Formulation	Contains 0.09% sodium azide
UniprotID	Q96A56 (Human)
Synomym	Tumor protein p53-inducible nuclear protein 1, Stress-induced protein, p53-dependent damage-inducible nuclear protein 1, p53DINP1, TP53INP1, P53DINP1, SIP
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Ascites
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ICC/IF, IHC
Reactivity	Human

Applications

Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:5-1:10
Immunohistochemistry (IHC) - paraffin	1:5-1:10 (microwave treatment recommended)

Background

The gene coding for p53 oncoprotein is located on chromosome 17p. Allele loss at this chromosome site has frequently been seen in many tumours including lung, colon, breast and brain. Expression of p53 oncoprotein was not detected in normal mucosa, whereas mutation results in a detectable expression of the p53 protein. It is therefore suggested that immunocytochemical detection of p53 protein is an indication for malignancy.

Positive control: Breast carcinoma.

Product images



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