p53 monoclonal antibody (PAb421)

PAb421 antibody induces allosteric changes in certain tumor-derived p53 mutants and restores tumor suppressor activity. Microinjection of PAb421 into SW480 colorectal carcinoma cells restored transcriptional activation function to the resident mutant p53 (Arg to His 273, Pro to Ser 309). The epitope for PAb421 is contained within the "p53 activator peptide" 46. Thus the antibody recognizes this peptide and has been used to examine cellular uptake of the p53 activator peptide.

This antibody is covered by our Worry-Free Guarantee.

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Manuals, SDS & CofA View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	TRP53, Tumor protein p53
Application	ICC, IHC, IP, WB
Clone	PAb421
Formulation	Liquid. In 50 mM sodium phosphate buffer, pH 7.5, containing 0.2% gelatin and 0.09% sodium azide.
Host	Mouse
Immunogen	Synthetic peptide corresponding to aa 371-380 of human p53.
Isotype	IgG2a
Purity Detail	Purified.
Recommendation Dilutions/Conditions	Western Blot (10µg/ml)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human, Mouse, Rat
UniProt ID	P04637
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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