

Anti-p53 [PAb421] Standard Size Ab00142-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: PAb421

Alternative Name(s) of Target: Tumor suppressor p53; Cellular tumor antigen p53

UniProt Accession Number of Target Protein: P04637

Published Application(s): IHC -P, in vivo, IP, WB, ELISA, IF, IHC-Fr

Published Species Reactivity: Monkey, Rabbit, Rat, Human, Mouse

Immunogen: Synthetic peptide corresponding to aa 371-380 of human p53.

Specificity: Recognises the mammalian mutant and wild-type p53 protein and reacts with an epitope between amino acid residues 370 and 378 (near the C-terminus of the protein), corresponding to the sequence "KKGQSTSRHK".

Application Notes:

Antibody First Published in: Harlow E, Crawford LV, Pim DC, Williamson NM. Monoclonal antibodies specific for simian Virus 40 tumor antigens. J Virol. 1981 Sep;39(3):861-9. [PMID: 6169844](#)

Note on publication: Describes the production and subsequent characterisation of anti-p53 monoclonal antibody clones.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.