

## 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.