

Anti-p53 (a.a. 16-25) [X77] Bulk Size Ab02776-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: X77

Alternative Name(s) of Target: Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53

UniProt Accession Number of Target Protein: P04637

Published Application(s): IP, WB, ELISA, IF

Published Species Reactivity: Xenopus, Human, Mouse

Immunogen: The original mouse IgG1 version of this antibody was raised by immunizing mice against xenopus p53

Specificity: This antibody recognizes the human p73 protein as well as the human and xenopus p53 protein.

Application Notes: This original mouse IgG1 can be used to detect human p73 as well as human and xenopus p53. The reaction of this antibody with the two proteins was verified using immunoprecipitation and western blot (Le Bras et al., 2002; PMID: 11850851). The same group used indirect immunofluorescence to verify the specificity of the antibody (Le Bras et al., 2002; PMID: 11850851). Another group used the antibody with immunoprecipitation and immunoblotting to detect the accumulation of human p53 with increasing levels of calpastatin (Pariat et al., 1997; PMID: 9111352).

Antibody First Published in: Le Bras et al. Monoclonal antibodies raised against Xenopus p53 interact with human p73 Oncogene. 2002 Feb 14;21(8):1304-8 [PMID:11850851](#)

Note on publication: Describes the characterization of the original X77 clone which was generated in the same paper

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.