

Anti-myc [8] Standard Size Ab02771-7.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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

Isotype and Format: Rat IgG2a, Fc Silent™, Kappa

Clone Number: 8

Alternative Name(s) of Target: Myc proto-oncogene protein; Class E basic helix-loop-helix protein 39; bHLHe39; Proto-oncogene c-Myc; Transcription factor p64

UniProt Accession Number of Target Protein: P01106

Published Application(s): IP, WB, IHC

Published Species Reactivity: Rat, Human, Mouse

Immunogen: The hybridoma of the original format was produced by the fusion of splenocytes from mice immunized with recombinant full-length human c-Myc protein and mouse myeloma cells.

Specificity: This antibody recognizes myc from humans, mice and rats.

Application Notes: This antibody is recommended for the identification and analysis of myc via Western blot, immunoprecipitation and immunohistochemistry.

Antibody First Published in: Alitalo et al. Homogeneously staining chromosomal regions contain amplified copies of an abundantly expressed cellular oncogene (c-myc) in malignant neuroendocrine cells from a human colon carcinoma Proc Natl Acad Sci U S A. 1983 Mar;80(6):1707-11. doi: 10.1073/pnas.80.6.1707. [PMID:6300869](#)

Note on publication: Describes the generation and characterization of the antibody.

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.