

## Anti-myc [8] Standard Size Ab02771-7.1

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, 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.