

Anti-cMyc recombinant antibody [9E10]

Catalogue number: 152580

Sub-type: Primary antibody

Images:

Contributor

Inventor: Gerard Evan

Institute: Absolute Antibody ; University of California, San Francisco

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-cMyc recombinant antibody [9E10]

Alternate name:

Class: Recombinant

Conjugate: Unconjugated

Description: Recombinant monoclonal antibody raised against sequence of c-Myc, a proto-oncogene heavily implicated in a variety of (hematopoietic) cancers. The anti-c-Myc antibody is a recombinant version of the monoclonal antibody 9E10, specifically designed to bind to p62 and detect the c-Myc gene product in human cells. It is particularly useful in immunoblots for quantifying c-Myc levels. This recombinant 9E10 antibody can recognize recombinant proteins carrying a c-Myc epitope tag and detect human c-...

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Synthetic peptide (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA - 32 aa) corresponding to 408-439 of Human c-Myc conjugated to KLH.

Immunogen UNIPROT ID: P01106

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: c Myc epitope tag

Target alternate names:

Target background: The anti-c-Myc antibody specifically targets the proto-oncogene c-Myc, which is frequently upregulated in cancer. Overexpression of c-Myc is known to contribute to the activation of genes involved in cellular proliferation and has been observed in various cancers, including cervical, colon, breast, lung, stomach, and Burkitt's lymphoma resulting from translocation. The gene product of c-Myc, known as p62, is upregulated in several hematopoietic tumours. Given that c-Myc is believed to regulat...

Molecular weight:

Ic50:

Applications

Application: WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS only

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-cMyc [9E10]

References

References:

CancerTools.org