

Chicken Anti-C-myc peptide Polyclonal Antibody

Chicken, Polyclonal (C-myc peptide)

Cat. No. DPAB0518

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview: Chicken Antibody to C-MYC (EQKLISEEDL) peptide

Specificity: Verified by ELISA against the peptide conjugated to BSA (EQKLISEEDL-BSA).

Immunogen: EQKLISEEDL (C-MYC) conjugated with KLH

Host animal: Chicken

Format: Affinity Purified, Liquid

Applications: Suitable for use in ELISA (1:200-1:5,000 for coating or 1:5,000-1:20,000 for detection) and Western blot (1:5,000). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Purification: Immunoaffinity purified using the peptide immobilized on a solid phase

PACKAGING

Concentration: 1mg/ml (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: PBS, pH 7.2

Preservative: 0.1% Sodium Azide

Storage: Store at 2-8°C.

Warnings: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

BACKGROUND

Introduction: Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. This allows anti-epitope tag antibodies to serve as universal detection reagents for any tag containing protein produced by recombinant means. This means that anti-epitope tag antibodies are a useful alternative to generating specific antibodies to identify, immunoprecipitate or immunoaffinity purify a recombinant protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures. Expression vectors producing epitope tag fusion proteins are available for a variety of host expression systems including bacteria, yeast, insect and mammalian cells.

Keywords: c Myc; c Myc Epitope Tag; c Myc Tag; Myc Epitope Tag; Myc proto-oncogene protein; Transcription factor p64; C-myc peptide;

REFERENCES

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2. Bréchet A et al. Protein kinase CK2 contributes to the organization of sodium channels in axonal membranes by regulating their interactions with ankyrin G. *J Cell Biol* 183:1101-14 (2008).