

Datasheet

MYC tag polyclonal antibody (HRP)

Catalog Number: PAB31805

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against human MYC epitope tag peptide. The antibody is conjugated with Horseradish peroxidase (HRP).

Immunogen: A epitope tag peptide (conjugated with KLH) corresponding to amino acids 410-419 of human c-MYC.

Sequence: EQKLISEEDL

Host: Rabbit

Applications: ELISA, IHC, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This affinity purified antibody is directed against human c-myc and is useful in determining its presence in various assays. This polyclonal anti-Myc-tag antibody detects overexpressed proteins containing the Myc epitope tag. The antibody recognizes the Myc-tag (Glu-Gln-Lys-Leu-Ile-Ser-Glu-Glu-Asp-Leu) fused to either the amino- or carboxy- termini of targeted proteins in transfected or transformed cells. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase and anti-rabbit serum.

Form: Lyophilized

Conjugation: HRP

Preparation Method: This antibody was purified from whole rabbit serum prepared by repeated immunizations with Myc epitope tag peptide E-Q-K-L-I-S-E-E-D-L conjugated to KLH using maleimide. The sequence corresponds to aa 410-419 of human c-Myc.

Purification: Affinity purification

Isotype: IgG

Recommend Usage: ELISA (1:10000-1:50000)

Immunohistochemistry (1:500-1:2000)

Western Blot (1:2000-1:5000)

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from 20 mM potassium phosphate, 150 mM NaCl, pH 7.2 (10 mg/mL BSA, 0.01% (w/v) Gentamicin Sulfate). Do NOT add sodium azide!

Storage Instruction: Store vial at 4°C prior to restoration.

After reconstitution with 100 μ L deionized water (or equivalent), aliquot contents and freeze at -20°C or below for extended storage.

Aliquot to avoid repeated freezing and thawing.

Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use.