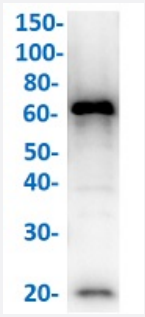
MYC tag polyclonal antibody (Biotin)

Catalog # PAB31804 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western Blot analysis of 12-Tag Lysate with MYC tag polyclonal antibody (Biotin) (Cat # PAB31804).

Specification

Product Description	Rabbit polyclonal antibody raised against human MYC epitope tag peptide. The antibody is conjugated with Biotin.
Immunogen	A epitope tag peptide (conjugated with KLH) corresponding to amino acids 410-419 of human c-MYC.
Sequence	EQKLISEEDL
Host	Rabbit
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-biotin and anti-rabbit serum.
Form	Lyophilized
Conjugation	Biotin

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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 (1:100000-1:500000) Immunohistochemistry (1:1000-1:5000) Western Blot (1:2000-1:10000) 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) sodium azide).
Storage Instruction	Store vial at 4°C prior to restoration. After reconstitution with 100 uL 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.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

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