

Product datasheet

anti-c-myc-tag mouse monoclonal, 9E10, lyophilized, purified

Short overview

Cat. No.	910MYC
Quantity	25 µg
Concentration	0.25 mg/ml after reconstitution with 100 µl PBS

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	9E10
Immunogen	C-terminal peptide of human c-myc (aa 408-439)
Formulation	Lyophilized; reconstitute in 100 µl sterile PBS, pH 7.4
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	-20°C (avoid freeze/thaw cycles)
Intended use	Research use only
Application	IP, WB
Reactivity	c-myc

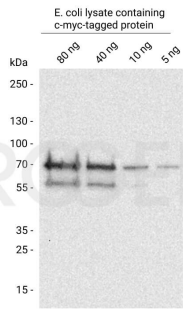
Applications

Immunoprecipitation (IP)	Assay dependent
Western Blot (WB)	1:50,000-1:100,000 (0.005-0.0025 µg/ml)

Background

The monoclonal 9E10 antibody recognizes human c-myc, a 62 kDa transcription factor. A c-myc tag is commonly added to recombinant proteins and can be used for detection or purification of the tagged protein.

Product images



Western blot analysis of E. coli lysate containing c-myc-tagged protein with anti-c-myc-tag antibody. Western blot analysis was performed on 80 ng, 40 ng, 10 ng or 5 ng of E. coli lysate containing c-myc-tagged protein. Cells were lysed with SDS sample buffer. The PVDF membrane was blocked with 5% dry milk in PBST for 1 h at RT. The primary antibody anti-c-myc-tag mouse monoclonal, 9E10 (Cat. No. 910MYCL) was diluted in blocking buffer (antibody concentration 0.005 $\mu\text{g}/\text{ml}$) and incubated for 1 h at RT. The secondary antibody goat anti-mouse IgG polyclonal, HRP conjugate was also diluted in blocking buffer (antibody concentration 0.2 $\mu\text{g}/\text{ml}$) and incubated for 1 h at RT. The bands were visualized by chemiluminescent detection using Pierce™ ECL Western Blotting Substrate.