

Myc Tag Mouse Monoclonal (aa410-420) Antibody - LS-C72945 - LSBio	
CatalogID:	LS-C72945
Target:	Myc Tag
Host	Myc Tag antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Antigen Type:	Synthetic peptide - KLH conjugated
Immunogen:	Myc Tag antibody was raised against KLH-conjugated, synthetic peptide corresponding to amino acids 410-420 (MEQKLISEEDL) of human Myc. Percent identity by BLAST analysis: Mouse (100%); Human, Chimpanzee, Gorilla, Rat, Amoeba (91%); Orangutan, Monkey, Marmoset, Tamarin, Panda, Cat (82%).
Specificity:	Recognizes and is specific for recombinant proteins containing the Myc epitope tag (EQKLISEEDL) in a variety of sequence contexts. Also recognizes human Myc.
Epitope:	aa410-420
Purification:	Protein G purified
Presentation:	0.1 M Tris-glycine, pH 7.4, 0.15 M sodium chloride, 0.05% sodium azide, 30% glycerol.
Usage Summary:	Suitable for use in Western Blot. Western Blot Analysis: 0.5-2.0 ug/ml detects Myc-tagged recombinant protein in sequence contexts not well recognized by anti-Myc Tag. Lysates from NIH/3T3 cells transfected with either empty vector, PP2A A subunit containing the Myc epitope tag sequence MEQKLISEEDLLRKGST, or PP2A A subunit containing the Myc epitope tag sequence MEQKLISEEDLNGST were resolved by electrophoresis, transferred to nitrocellulose and probed with anti - Myc Tag (0.5 ug/ml). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and a chemiluminescence detection system. Myc-tagged PP2A A subunit (~63kD). Longer exposure demonstrating weak detection by anti-Myc Tag of the Myc-tagged protein containing the epitope tag sequence MEQKLISEEDLNGST. Immunoprecipitation: Reported that this antibody immunoprecipitates Myc-tagged protein from transfected cells.
Uses:	Western blot, Immunoprecipitation (Optimal dilution to be determined by the researcher)
Size:	200 µg
Requested From:	Japan
Laboratory Reagent For In Vitro Research Use Only	
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