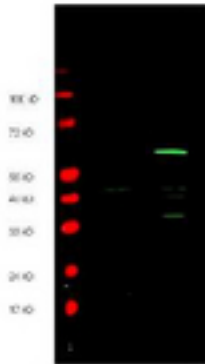


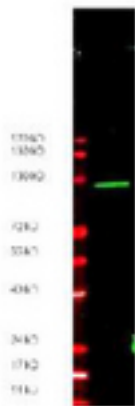
Myc Tag Rabbit Polyclonal (aa410-419) Antibody - LS-C154222 - LSBio	
<b>CatalogID:</b>	LS-C154222
<b>Target:</b>	Myc Tag
<b>Host</b>	Myc Tag antibody was produced in Rabbit
<b>Clonality:</b>	Polyclonal
<b>Isotype:</b>	IgG
<b>Antigen Type:</b>	Purified protein
<b>Immunogen:</b>	Myc Tag antibody was raised against 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 amino acids 410-419 of human c-Myc.
<b>Specificity:</b>	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.
<b>Epitope:</b>	aa410-419
<b>Purification:</b>	Affinity purified
<b>Presentation:</b>	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide, sterile filtered
<b>Recommended Storage:</b>	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
<b>Usage Summary:</b>	Anti-Myc has utility to detect the fusion protein of the Myc epitope cloned along with the target gene. As such, anti-Myc/Myc can be used to identify fusion proteins containing the Myc epitope. The antibody recognizes the Myc tag fused either to the AMINO- or CARBOXY- termini of targeted proteins. This antibody is suitable for ELISA and western blotting and was tested against both the immunizing peptide and Myc-tagged recombinant proteins. Although not tested, this antibody is likely functional for immunoprecipitation and immunocytochemistry.
<b>Uses:</b>	IHC, Western blot (1:500 - 1:5000), ELISA (Optimal dilution to be determined by the researcher)
<b>Size:</b>	100 µg
<b>Concentration:</b>	1 mg/ml

**Western Blot Image:**



Anti-Myc epitope Tag Antibody - Western Blot. Anti-Myc epitope tag polyclonal antibody detects both AMINO and CARBOXY terminal linked Myc-tagged recombinant proteins by western blot. Polyclonal rabbit host anti-Myc epitope tag antibody was diluted to 1.0 ug/ml to detect either recombinant protein. 4-20% gradient gels were used to resolve the proteins by SDS-PAGE. The proteins were transferred to nitrocellulose using standard methods. After blocking, the membranes were probed with the primary antibody overnight at 4C followed by washes and reaction with a 1:10000 dilution of IRDye 800 conjugated Gt-a-Rabbit IgG (H&L) MX10 (code for 45 min at room temperature (Green, 800 nm channel). Pre-stained molecular weight markers are also shown (lane M, Red, 700 nm channel). LICORs Odyssey Infrared Imaging System was used to scan and process the image. Other detection systems will yield similar results.

**Western Blot Image:**



Anti-Myc epitope tag Antibody - Western Blot. Anti-Myc epitope tag polyclonal antibody detects ~100 kD CARBOXY terminal linked Myc-tagged recombinant protein present in ~35 ug of lysate by western blot. Carboxy terminal linked Myc recombinant protein was the gift of Zhongsheng You, Salk Institute, LaJolla, CA.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/25/2014

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