



# Myc Tag Monoclonal Antibody



# A02060

## Product Information

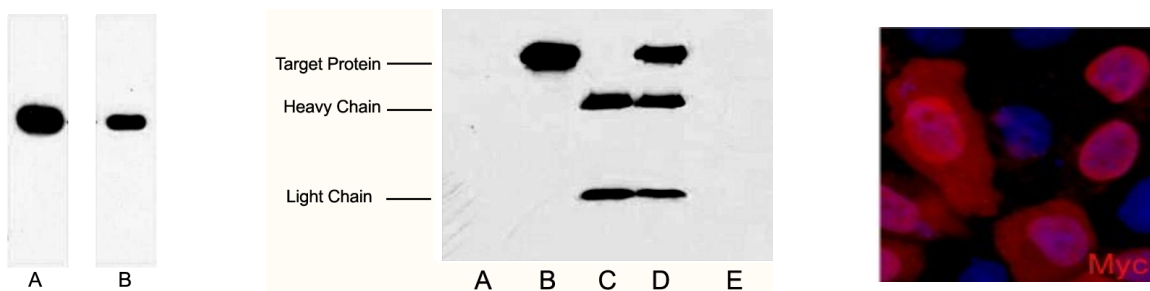
	<b>Product Name:</b> Anti-Myc Tag Mouse Monoclonal Antibody (2D5)		
	<b>Applications:</b> WB, IF, IP		<b>Isotype:</b> Mouse IgG1
<b>REF</b>	<b>Catalog Number:</b> A02060	<b>LOT</b>	<b>Lot Number:</b> Refer to vial
	<b>Formulation:</b> Liquid		<b>Size:</b> 20ul /100ul/500ul
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> 0.02% Sodium Azide

**Background:** Myc tag is a polypeptide protein tag derived from the c-myc gene product that can be added to a protein using recombinant DNA technology. It can be used for affinity chromatography, and then used to separate recombinant, overexpressed protein from wild type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1,000-1:10,000), IF (1:500-1:2,000) and IP (1:200-1:500).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% glycerol as stabilizer.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



**Fig. 1.** WB analysis of 1ug Myc fusion protein with Anti-Myc mouse monoclonal antibody (2D5) in 1:5,000 dilution (line A) and 1:10,000 dilution (line B). **Fig. 2.** IP (1:200) - WB (1:5,000) analysis of Myc fusion protein expression in 293 cells. Untransfected 293 cell lysate (line A), transfected 293 cell lysate with Myc-tag protein (line B); IP transfected 293 cell lysate with normal Mouse IgG (line C) or with Anti Myc tag mAb (line D), and without both normal Mouse IgG and Myc tag mAb (line E). **Fig. 3.** IF staining (1:2,000) of Myc fusion protein in 293 cells with red and counterstained with DAPI.

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