



**Orders:** 877-616-CELL (2355)  
orders@cellsignal.com

**Support:** 877-678-TECH (8324)

**Web:** info@cellsignal.com  
cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

Store at +4C  
#36271

## Myc-Tag (71D10) Rabbit mAb (PE-Cy7<sup>®</sup> Conjugate)

**For Research Use Only. Not for Use in Diagnostic Procedures.**

Applications:	Reactivity:	Sensitivity:	Source/Isotype:
FC-FP	All	Endogenous	Rabbit IgG
<b>Product Usage Information</b>	<b>Application</b>	<b>Dilution</b>	
	Flow Cytometry (Fixed/Permeabilized)	1:50	
<b>Storage</b>	Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. <i>Do not aliquot the antibody. Protect from light. Do not freeze.</i>		
<b>Specificity/Sensitivity</b>	Myc-Tag (71D10) Rabbit mAb (PE-Cy7 <sup>®</sup> Conjugate) detects recombinant proteins containing the Myc epitope tag. The antibody recognizes the Myc-tag fused to either the amino or carboxy terminus of targeted proteins in transfected cells. The antibody may cross-react with c-myc protein by Flow Cytometry.		
<b>Source / Purification</b>	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues 410-419 of human c-Myc (EQKLISEEDL).		
<b>Description</b>	This Cell Signaling Technology antibody is conjugated to phycoerythrin in combination with cyanine 7 (PE-Cy7 <sup>®</sup> ) and tested in-house for direct flow cytometric analysis in human cells. This antibody is expected to exhibit the same species cross-reactivity as the unconjugated Myc-Tag (71D10) Rabbit mAb #2278.		
<b>Background</b>	Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. Because of their small size, they are unlikely to affect the tagged protein's biochemical properties.  The Myc epitope tag is widely used to detect expression of recombinant proteins in bacteria, yeast, insect and mammalian cell systems (1).		
<b>Background References</b>	1. Munro, S. and Pelham, H.R. (1984) <i>EMBO J</i> 3, 3087-93.		
<b>Species Reactivity</b>	Species reactivity is determined by testing in at least one approved application (e.g., western blot).		
<b>Applications Key</b>	<b>FC-FP:</b> Flow Cytometry (Fixed/Permeabilized)		
<b>Cross-Reactivity Key</b>	<b>All:</b> All Species Expected		
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