

Myc-Tag (71D10) Rabbit mAb (HRP Conjugate)

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

Applications:	Reactivity:	Sensitivity:	Source/Isotype:
W	All	Transfected Only	Rabbit IgG
Product Usage Information	Application	Dilution	
	Western Blotting	1:1000	
Storage	Supplied in 136 mM NaCl, 2.6 mM KCl, 12 mM sodium phosphate (pH 7.4) dibasic, 2 mg/ml BSA, and 50% glycerol. Store at -20°C. <i>Do not aliquot the antibodies.</i>		
Specificity/Sensitivity	Myc-Tag (71D10) Rabbit mAb (HRP 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.		
Source / Purification	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues 410-419 of human c-Myc (EQKLISEEDL).		
Description	This Cell Signaling Technology antibody is conjugated to the carbohydrate groups of horseradish peroxidase (HRP) via its amine groups. The HRP conjugated antibody is expected to exhibit the same species cross-reactivity as the unconjugated Myc-Tag (71D10) Rabbit mAb #2278.		
Background	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).		
Background References	1. Munro, S. and Pelham, H.R. (1984) <i>EMBO J</i> 3, 3087-93.		

Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
Western Blot Buffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween@ 20 at 4°C with gentle shaking, overnight.
Applications Key	W: Western Blotting
Cross-Reactivity Key	All: All Species Expected
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