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Myc-Tag (9B11) Mouse mAb (Magnetic Bead Conjugate)

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

Applications:	Reactivity:	Sensitivity:	Source/Isotype:
IP	All	Transfected Only	Mouse IgG2a kappa
Product Usage Information	Application	Dilution	
	Immunoprecipitation	1:20	
Storage	Supplied in PBS Buffer (pH 7.2), 0.1% Tween® 20. Store at 4°C. Do not aliquot the antibodies.		
Specificity/Sensitivity	Myc-Tag (9B11) Mouse mAb (Magnetic Bead Conjugate) detects exogenously expressed proteins containing the Myc epitope tag. This antibody recognizes the Myc tag fused to either the amino or carboxy terminus of targeted proteins in transfected cells. Myc-Tag (9B11) Mouse mAb (Magnetic Bead Conjugate) detects exogenously expressed Myc-tagged proteins in cells expressed under a CMV promoter. Expression under other promoters has not been evaluated.		
	The antibody may cross-react with c-myc protein. The antibody may weakly cross-react with a protein of unknown origin ~90kDa.		
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 immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic bead. Myc-Tag (9B11) Mouse mAb (Magnetic Bead Conjugate) is useful for immunoprecipitation assays of Myc epitope-tagged proteins.		
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).		
Applications Key	IP: Immunoprecipitation		
Cross-Reactivity Key	All: All Species Expected		
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