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#2278

Myc-Tag (71D10) Rabbit mAb

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

Applications: W, W-S, IP, IF-IC, FC-FP	Reactivity: All	Sensitivity: Transfected Only	Source/Isotype: Rabbit IgG
Product Usage Information	Application		Dilution
	Western Blotting		1:1000
	Simple Western™		1:10 - 1:50
	Immunoprecipitation		1:200
	Immunofluorescence (Immunocytochemistry)		1:200 - 1:400
	Flow Cytometry (Fixed/Permeabilized)		1:50 - 1:100
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.		
Specificity/Sensitivity	Myc-Tag (71D10) Rabbit mAb 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 (71D10) Rabbit mAb 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 by Flow cytometry and immunofluorescence assays.		
Source / Purification	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues 410-419 of human c-Myc (EQKLISEEDL).		
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 W-S: Simple Western™ IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry) FC-FP: Flow Cytometry (Fixed/Permeabilized)		
Cross-Reactivity Key	All: All Species Expected		
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