β-Gal (14B7) Mouse mAb



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Applications: W, IP, IF-IC, FC-FP	Reactivity: All	Sensitivity: Transfected Only	Source/Isotype: Mouse IgG1	UniProt ID: #P00722	Entrez-Gene Id: 945006
Product Usage Information		Application Western Blotting Immunoprecipitation Immunofluorescence (Implication Cytometry (Fixed/Per	•		Dilution 1:1000 1:50 1:3200 1:7000
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		Beta-Gal 14B7 Mouse mAb detects transfected beta-galactosidase fusion proteins.			
Source / Purification		Monoclonal antibody is produced by immunizing animals with recombinant beta-galactosidase protein.			
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.			
			tein containing the desi	red protein with a be	ene (1-3). This results in the eta-gal tag. An antibody to this ion within cells or tissues.
Background References		1. Dráber, P. et al. (1992) <i>Hybridoma</i> 11, 385-90. 2. Hayashibe, K. et al. (1990) <i>J Immunoassay</i> 11, 89-95. 3. Shapiro, S.Z. and Kimmel, B.E. (1987) <i>J Immunol Methods</i> 97, 275-9.			
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 nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.			
Applications Key		W: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry) FC-FP: Flow Cytometry (Fixed/Permeabilized)			
Cross-Reactivity Key		All: All Species Expected			
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