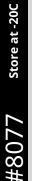
Src (32G6) Rabbit mAb (Biotinylated)





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Applications: W	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 60	Source/Isotype: Rabbit IgG	UniProt ID: #P12931	Entrez-Gene Id: 6714	
Product Usage Information	2	Application Western Blotting			Dilution 1:1000		
Storage		Supplied in 136 mM NaCl, 2.6 mM KCI, 12 mM sodium phosphate (pH 7.4) dibasic, 2 mg/ml BSA, and 50% glycerol. Store at –20°C. Do not aliquot the antibodies.					
Specificity/Sen	icity/Sensitivity Src (32G6) Rabbit mAb (Biotinylated) detects endogenous levels of total Src protein. The antibody d not cross-react with other proteins.				The antibody does		
Species predic based on 100% homology	ted to react sequence	Chicken					
Source / Purifi	cation	Monoclonal antibody is produced by immunizing animals with a recombinant fusion protein corresponding to residues 1-110 of human Src protein.					
Description		This Cell Signaling Technology antibody is conjugated to biotin under optimal conditions. The biotinylated antibody is expected to exhibit the same species cross-reactivity as the unconjugated Src (32G6) Rabbit mAb #2123.					
Background		The Src family of protein tyrosine kinases, which includes Src, Lyn, Fyn, Yes, Lck, Blk, and Hck, are important in the regulation of growth and differentiation of eukaryotic cells (1). Src activity is regulated by tyrosine phosphorylation at two sites, but with opposing effects. While phosphorylation at Tyr416 in the activation loop of the kinase domain upregulates enzyme activity, phosphorylation at Tyr530 in the carboxy-terminal tail by Csk renders the enzyme less active (2).					
Background R	eferences	1. Thomas, S.M. and Brugge, J.S. (1997) <i>Annu Rev Cell Dev Biol</i> 13, 513-609. 2. Hunter, T. (1987) <i>Cell</i> 49, 1-4.					
Species Reacti	vity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).					
Western Blot E	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 K	ey	W: Western Blotting					
Cross-Reactivi	ty Key	H: Human M: Mouse R: Rat Mk: Monkey					
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