

Store at
-20°C

#93702

Mouse Anti-Rabbit IgG (Light-Chain Specific) (D4W3E) mAb (HRP Conjugate)



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

Applications: W	Reactivity: Rab	Sensitivity: Endogenous	Source/Isotype: Mouse
Product Usage Information		Recommended Antibody Dilutions: 1:1000-1:3000	
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. Do not aliquot the antibody.	
Specificity/Sensitivity		Mouse Anti-rabbit IgG (Light-Chain Specific) (D4W3E) mAb (HRP Conjugate) recognizes the light chain of rabbit IgG, either in its native conformation or in its denatured and reduced form. It does not bind to the denatured and reduced rabbit IgG heavy chain (about 50 kDa) on western blot.	
Source / Purification Description		Monoclonal antibody is produced by immunizing animals with native total rabbit IgG. This Cell Signaling Technology antibody is conjugated to the carbohydrate groups of horseradish peroxidase (HRP) via its amine groups.	
Background		Mouse Anti-rabbit IgG (Light-Chain Specific) (D4W3E) mAb (HRP Conjugate) only reacts with the light chain of rabbit IgG and does not bind to the denatured and reduced rabbit IgG heavy chain. When performing immunoprecipitation (IP) followed by western blotting, the denatured rabbit IgG heavy chain of the primary antibody used for IP runs at approximately 50 kDa on the subsequent western blot and can often obscure bands of proteins that have a similar molecular weight. Using Mouse Anti-rabbit IgG (Light-Chain Specific) (D4W3E) mAb (HRP Conjugate) as a secondary antibody will eliminate this problem.	
Species Reactivity		Species reactivity is determined by testing in at least one approved application (e.g., western blot).	
Applications Key		W: Western Blotting	
Cross-Reactivity Key		Rab: Rabbit	
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