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#66271**BSA (D4L9G) Mouse mAb**

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

Applications: W	Reactivity: B	Sensitivity: Endogenous	MW (kDa): 67	Source/Isotype: Mouse IgG1	UniProt ID: #P02769	Entrez-Gene Id: 280717
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Product Usage Information	Application Western Blotting	Dilution 1:1000
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml gelatin, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.	
Specificity/Sensitivity	BSA (D4L9G) Mouse mAb recognizes total bovine albumin protein. The antibody does not detect human albumin. Note: For best results, avoid reagents that contain BSA.	
Source / Purification	Monoclonal antibody is produced by immunizing animals with recombinant bovine BSA protein.	
Background	Bovine serum albumin (BSA) is the most abundant protein in plasma. Albumin is predominantly synthesized in the liver and is a major transportation component for many endogenous and exogenous compounds, including fatty acids, steroid hormones, metabolites and drugs. It is also responsible for maintaining colloid osmotic pressure and may affect microvascular integrity (1).	
Background References	1. Quinlan, G.J. et al. (2005) <i>Hepatology</i> 41, 1211-9.	

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
Cross-Reactivity Key	B: Bovine
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