

bsm-54336R**[Primary Antibody]****Bioss**
ANTIBODIES

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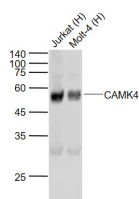
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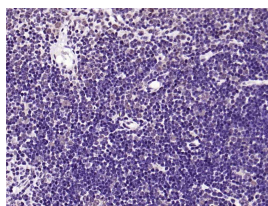
400-901-9800

CAMK4 Recombinant Rabbit mAb**— DATASHEET —**

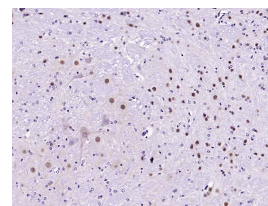
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:400-800) IF (1:50-200) ICC/IF (1:50-200)
Clonality: Recombinant	CloneNo.: 3F11	
GeneID: 814	SWISS: Q16566	
Target: CAMK4		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Reactivity: Human, Mouse, Rat Predicted MW.: 55 kDa Subcellular Location: Cytoplasm ,Nucleus
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Ca2+/calmodulin dependent protein kinase type IV (CAMKIV) belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells.		

— VALIDATION IMAGES —

Sample: Lane 1: Jurkat (Human) Cell Lysate at 30 ug
 Lane 2: Molt-4 (Human) Cell Lysate at 30 ug
 Primary: Anti-CAMK4 (bsm-54336R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 55 kD
 Observed band size: 55 kD



Paraformaldehyde-fixed, paraffin embedded (mouse thymus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CAMK4) Monoclonal Antibody, Unconjugated (bsm-54336R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CAMK4) Monoclonal Antibody, Unconjugated (bsm-54336R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.