

bsm-52146R**[Primary Antibody]**

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phospho-Cyclin E1 (Thr77) Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-1000) IHC-F (1:50-1000) IF (1:50-1000) ICC/IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 47 kDa Subcellular Location: Nucleus
Clonality: Recombinant	CloneNo.: 4G10	
GeneID: 898	SWISS: P24864	
Target: Cyclin E1 (Thr77)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Cyclin E around the phosphorylation site of Thr77: IP(p-T)PD.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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: Cyclin E is a regulatory subunit of Cdk2 and controls G1 / S transition during the mammalian cell cycle. Multiple isoforms of Cyclin E are only expressed in tumors but not in normal tissue, suggesting a post transcriptional regulation of Cyclin E. In vitro analyses indicated that these truncated variant isoforms of Cyclin E are able to phosphorylate histone H1. Alterations in the Cyclin E protein have been implicated as indicators of worse prognosis in various cancers.		