

bsm-52137R**[Primary Antibody]****phospho-CDC37 (Ser13) Recombinant Rabbit mAb****BioSS**
ANTIBODIES

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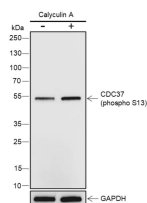
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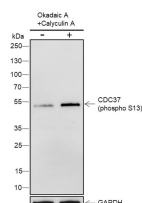
400-901-9800

DATASHEET

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-2000) Reactivity: Human, Mouse, Rat Predicted MW.: 44 kDa Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: 8A1	
GeneID: 11140	SWISS: Q16543	
Target: CDC37 (Ser13)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human CDC37 around the phosphorylation site of Ser13: EV(p-S)DD.		
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: The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of <i>Saccharomyces cerevisiae</i> . This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases. [provided by RefSeq, Jul 2008]		

VALIDATION IMAGES

Blocking buffer: 5% NFDM/TBST Primary Ab
 dilution: 1:2000 Primary Ab incubation
 condition: 2 hours at room temperature
 Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)
 Lysate: (-): C6, (+): C6 + Calyculin A (100nM,
 30min) Protein loading quantity: 20 µg Exposure
 time: 30 s Predicted MW: 50 kDa Observed MW:
 50 kDa



Blocking buffer: 5% NFDM/TBST Primary Ab
 dilution: 1:2000 Primary Ab incubation
 condition: 2 hours at room temperature
 Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)
 Lysate: (-): HeLa, (+): HeLa + Okadaic A
 (100nM,60min) + Calyculin A (100nM,60min)
 Protein loading quantity: 20 µg Exposure time:
 30 s Predicted MW: 50 kDa Observed MW: 50 kDa