

bsm-52206R**[Primary Antibody]****BioSS**
ANTIBODIES

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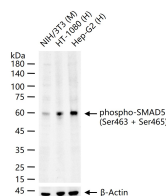
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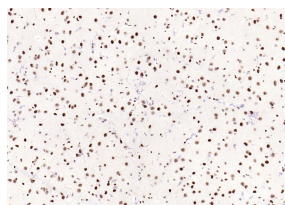
400-901-9800

phospho-SMAD5 (Ser463 + Ser465) Recombinant Rabbit mAb**— DATASHEET —**

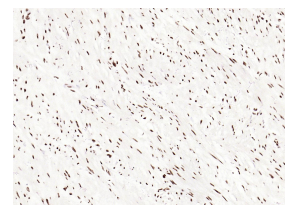
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 52 kDa Observed MW.: 60 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Recombinant	CloneNo.: 1B8	
GeneID: 4090	SWISS: Q99717	
Target: SMAD5 (Ser463 + Ser465)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human SMAD5 around the phosphorylation site of Ser463 + Ser465: IS(p-S)V(p-S).		
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 involved in the transforming growth factor beta signaling pathway that results in an inhibition of the proliferation of hematopoietic progenitor cells. The encoded protein is activated by bone morphogenetic proteins type 1 receptor kinase, and may be involved in cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with phospho-SMAD5 (Ser463 + Ser465) monoclonal antibody, unconjugated (bsm-52206R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (rat brain); 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 (phospho-SMAD5 (Ser463 + Ser465)) Monoclonal Antibody, Unconjugated (bsm-52206R) 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 (human smooth muscle); 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 (phospho-SMAD5 (Ser463 + Ser465)) Monoclonal Antibody, Unconjugated (bsm-52206R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.