

bsm-33211M**[Primary Antibody]****BioSS**
ANTIBODIES

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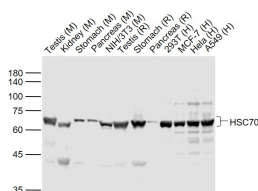
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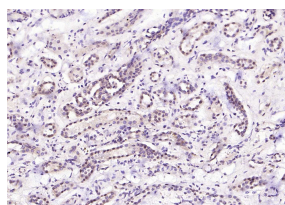
400-901-9800

HSC70 Mouse mAb**— DATASHEET —**

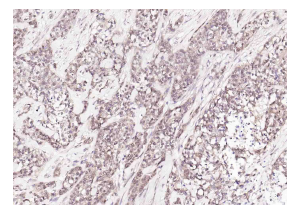
Host: Mouse	Isotype: IgG	Applications: WB (1:500-1000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat Predicted MW.: 71 kDa Observed MW.: 68 kDa Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
Clonality: Monoclonal	CloneNo.: 8C7	
GeneID: 3312	SWISS: P11142	
Target: HSC70		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]		

— VALIDATION IMAGES —

Sample: Lane 1: Testis (Mouse) Lysate at 40 ug
Lane 2: Kidney (Mouse) Lysate at 40 ug Lane 3:
Stomach (Mouse) Lysate at 40 ug Lane 4:
Pancreas (Mouse) Lysate at 40 ug Lane 5:
NIH/3T3 (Mouse) Cell Lysate at 30 ug Lane 6:
Testis (Rat) Lysate at 40 ug Lane 7: Stomach
(Rat) Lysate at 40 ug Lane 8: Pancreas (Rat)
Lysate at 40 ug Lane 9: 293T (Human) Cell Lysate
at 30 ug Lane 10: MCF-7 (Human) Cell Lysate at
30 ug Lane 11: HeLa (Human) Cell Lysate at 30 ug
Lane 12: A549 (Human) Cell Lysate at 30 ug
Primary: Anti-HSC70 (bsm-33211M) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Mouse IgG at 1/20000 dilution Predicted band
size: 70 kD Observed band size: 68 kD



Paraformaldehyde-fixed, paraffin embedded
(human kidney); 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; Incubation with
(HSC70) Monoclonal Antibody, Unconjugated
(bsm-33211M) at 1:200 overnight at 4°C,
followed by operating according to SP
Kit(Mouse)(sp-0024) instructions and DAB
staining.



Paraformaldehyde-fixed, paraffin embedded
(human breast carcinoma); 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;
Incubation with (HSC70) Monoclonal Antibody,
Unconjugated (bsm-33211M) at 1:200 overnight
at 4°C, followed by operating according to SP
Kit(Mouse)(sp-0024) instructions and DAB
staining.

— SELECTED CITATIONS —

- **[IF=14.1]** Xiaxia Fan. et al. Fusidic Acid Reverses Chemoresistance in Breast Cancer via Targeting DDX6 to Downregulate GSK-3 β /Catenin Signaling. ADV SCI. 2025 Aug;;e04680 WB,IF ;Human. 40757496