

bsm-51215M**[Primary Antibody]****BioSS**
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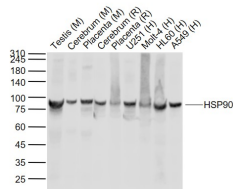
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Hsp90 Mouse mAb**DATASHEET**

Host: Mouse Clonality: Monoclonal GeneID: 3320 Target: Hsp90 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: Hsp90 (heat shock protein 90) is a molecular chaperone and is one of the most abundant proteins in unstressed cells. It is an ubiquitous molecular chaperone found in eubacteria and all branches of eukarya, but it is apparently absent in archaea. Whereas cytoplasmic Hsp90 is essential for viability under all conditions in eukaryotes, the bacterial homologue HtpG is dispensable under non-heat stress conditions.	Isotype: IgG1 CloneNo.: 8A3 SWISS: P07900	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.: 81 kDa Subcellular Location: Cell membrane ,Cytoplasm
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VALIDATION IMAGES

Sample: Lane 1: Mouse Testis tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Mouse Placenta tissue lysates Lane 4: Rat Cerebrum tissue lysates Lane 5: Rat Placenta tissue lysates Lane 6: Human U251 cell lysates Lane 7: Human Molt-4 cell lysates Lane 8: Human HL60 cell lysates Lane 9: Human A549 cell lysates Primary: Anti-HSP90 (bsm-51215M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 81 kD Observed band size: 85 kD

SELECTED CITATIONS

- **[IF=19.16]** Kerschbamer Emanuela. et al. CHD8 suppression impacts on histone H3 lysine 36 trimethylation and alters RNA alternative splicing. NUCLEIC ACIDS RES. 2022 Dec;50(22):12809-12828 WB ;Human. 36537238
- **[IF=17.1]** Ke Li. et al. All-in-One Engineering Multifunctional Nanoplatfoms for Sensitizing Tumor Low-Temperature Photothermal Therapy In Vivo. ACS NANO. 2023;17(20):20218-20236 WB ;Mouse. 37838975
- **[IF=7.7]** Huanran Qu. et al.NIR-II photo- and sono-responsive hyaluronic acid-capped nanozymes for glioblastoma-targeting theranostics..International Journal of Biological Macromolecules.2025 Mar 4:141737. Western blot,IF ;Mouse. 40049489

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=4.749]** Gaoqian Zhao. et al. Biomimetic Platform Based on Mesoporous Platinum for Multisynnergistic Cancer Therapy. Acs Biomater Sci Eng. 2021;XXXX(XXX):XXX-XXX WB,IHC ;Human,Mouse. 34636537
- **[IF=5.1]** G.F. Sengül. et al. Hsc70 phosphorylation patterns and calmodulin regulate AP2 Clathrin-Coated-Vesicle life span for cell adhesion protein transport. BBA-MOL CELL RES. 2024 Jan;1871:119611 WB ;Mouse. 37926156