

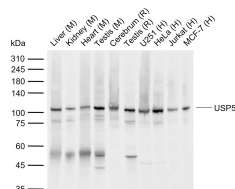
bsm-51588M**[Primary Antibody]****USP5 Mouse mAb****BioSS**
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DATASHEET**Host:** Mouse**Isotype:** IgG1, k**Clonality:** Monoclonal**CloneNo.:** H4Y13**GeneID:** 8078**SWISS:** P45974**Target:** USP5**Purification:** affinity purified by Protein G**Concentration:** 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:** Profound changes in patterns of gene expression can result from relatively small changes in the concentrations of sequence specific transcription factors. Ubiquitin (see MIM 191339)-dependent proteolysis is a complex pathway of protein metabolism implicated in such diverse cellular functions as maintenance of chromatin structure, receptor function, and degradation of abnormal proteins. A late step of the process involves disassembly of the polyubiquitin chains on degraded proteins into ubiquitin monomers. USP5 disassembles branched polyubiquitin chains by a sequential exo mechanism, starting at the proximal end of the chain (Wilkinson et al., 1995 [PubMed 7578059]).[supplied by OMIM, Mar 2010]**Applications:** WB (1:500-2000)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 96 kDa**Subcellular Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Mouse Kidney tissue lysates Lane 3: Mouse Heart tissue lysates Lane 4: Mouse Testis tissue lysates Lane 5: Rat Cerebrum tissue lysates Lane 6: Rat Testis tissue lysates Lane 7: Human U251 cell lysates Lane 8: Human HeLa cell lysates Lane 9: Human Jurkat cell lysates Lane 10: Human MCF-7 cell lysates Primary: Anti-USP5 (bsm-51588M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 96 kDa Observed band size: 103 kDa