

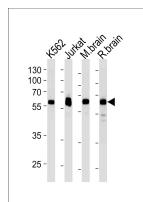
**bsm-51562M****[ Primary Antibody ]****USP14 Mouse mAb****BioSS**  
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**— DATASHEET —****Host:** Mouse**Isotype:** IgG1**Clonality:** Monoclonal**CloneNo.:** W4F2**GeneID:** 11072**SWISS:** Q95147**Target:** USP14**Purification:** affinity purified 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:** This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated proteins. Mice with a mutation that results in reduced expression of the ortholog of this protein are retarded for growth, develop severe tremors by 2 to 3 weeks of age followed by hindlimb paralysis and death by 6 to 10 weeks of age. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]**Applications:** WB (1:500-1000)**Reactivity:** Human, Mouse, Rat**Predicted  
MW.:** 22 kDa**Subcellular  
Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

Sample: Lane 1: K562 cell lysates Lane 2: Jurkat

cell lysates Lane 3: Mouse brain tissue lysates

Lane 4: Rat brain tissue lysates Primary: Anti-

USP14 (bsm-51562M) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Mouse IgG at

1/20000 dilution Predicted band size: 22 kD

Observed band size: 57 kD