

bsm-51636M**[Primary Antibody]****USP2 Mouse mAb****BioSS**
ANTIBODIES

www.bioss.com.cn

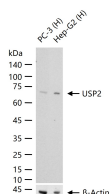
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

| | | |
|--|------------------------------|---|
| Host: Mouse | Isotype: IgG1, k | Applications: WB (1:500-2000) |
| Clonality: Monoclonal | CloneNo.: K08F1 | Reactivity: Human (predicted: Monkey) |
| GeneID: 9099 | | |
| Target: USP2 | | |
| 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 family of de-ubiquitinating enzymes, which belongs to the peptidase C19 superfamily. The encoded protein is a ubiquitin-specific protease which is required for TNF-alpha (tumor necrosis factor alpha) -induced NF-kB (nuclear factor kB) signaling. This protein deubiquitinates polyubiquitinated target proteins such as fatty acid synthase, murine double minute 2 (MDM2), MDM4/MDMX and cyclin D1. MDM2 and MDM4 are negative regulators of the p53 tumor suppressor and cyclin D1 is required for cell cycle G1/S transition. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011] | Predicted MW.: 68 kDa | Subcellular Location: Cytoplasm ,Nucleus |

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with USP2 monoclonal antibody, unconjugated (bsm-51636M) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.