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## USP2 Mouse mAb

Catalog Number: bsm-51636M

Target Protein: USP2

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Clone No.: K08F1

Isotype: IgG1,k

Applications: WB (1:500-2000)

Reactivity: Human (predicted:Monkey)

Predicted MW: 68 kDa

Detected MW: 72 kDa

Subcellular Cytoplasm ,Nucleus

Locations:

Entrez Gene: 9099

Purification: affinity purified by Protein G

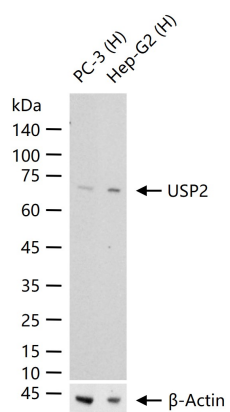
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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]

### VALIDATION IMAGES

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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.