

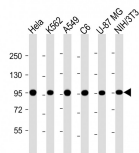
bsm-51611M**[Primary Antibody]****VCP Mouse mAb****BioSS**
ANTIBODIES

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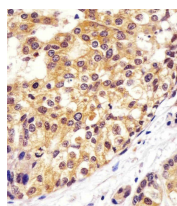
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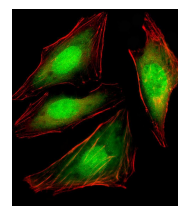
400-901-9800

DATASHEET**Host:** Mouse**Clonality:** Monoclonal**GeneID:** 7415**Target:** VCP**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:** The protein encoded by this gene is a member of a family that includes putative ATP-binding proteins involved in vesicle transport and fusion, 26S proteasome function, and assembly of peroxisomes. This protein, as a structural protein, is associated with clathrin, and heat-shock protein Hsc70, to form a complex. It has been implicated in a number of cellular events that are regulated during mitosis, including homotypic membrane fusion, spindle pole body function, and ubiquitin-dependent protein degradation. [provided by RefSeq, Jul 2008]**Isotype:** IgG1, k**CloneNo.:** N5A9**SWISS:** P55072**Applications:** **WB** (1:1000-5000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 97 kDa**Subcellular Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

Sample: Lane 1: HeLa cell lysates Lane 2: K562 cell lysates Lane 3: A549 cell lysates Lane 4: C6 cell lysates Lane 5: U-87 MG cell lysates Lane 6: NIH/3T3 cell lysates Primary: Anti-VCP (bsm-51611M) at 1/4000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 97 kD Observed band size: 97 kD



Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma sections); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (VCP) Monoclonal Antibody, Unconjugated (bsm-51611M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



HeLa cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (VCP) monoclonal Antibody, Unconjugated (bsm-51611M) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Mouse IgG antibody at 37°C for 90 minutes, Dylight® 554 Phalloidin (red) was used to stain the cell Cytoplasmic actin.