### bsm-61451R

# [ Primary Antibody ]

# BIOSS

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## VCP Recombinant Rabbit mAb

### - DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 14F13
GeneID: 7415 SWISS: P55072

Target: VCP

Immunogen: A synthesized peptide derived from human VCP: 1-78.

Purification: affinity purified by Protein A

**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium

chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid

repeated freeze/thaw cycles.

**Background:** Necessary for the fragmentation of Golgi stacks during mitosis and

for their reassembly after mitosis. Involved in the formation of the transitional endoplasmic reticulum (tER). The transfer of membranes from the endoplasmic reticulum to the Golgi apparatus occurs via 50-70 nm transition vesicles which derive from part-rough, part-smooth transitional elements of the endoplasmic reticulum (tER).

**Applications: WB** (1:500-2000)

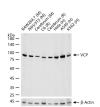
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1μg/Test)
ICC/IF (1:50-200)
IP (1:20-50)

Reactivity: Human, Mouse, Rat

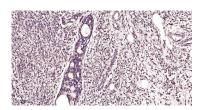
Predicted 89

Subcellular Cytoplasm ,Nucleus

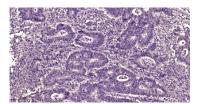
### VALIDATION IMAGES



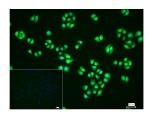
25 ug total protein per lane of various lysates (see on figure) probed with VCP monoclonal antibody, unconjugated (bsm-61451R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VCP Monoclonal Antibody, Unconjugated(bsm-61451R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VCP Monoclonal Antibody, Unconjugated(bsm-61451R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed Hela (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (VCP) monoclonal Antibody, unconjugated (bsm-61451R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.