

## VCP monoclonal antibody

Catalog: MB23203

Host: Mouse

Reactivity: Human, Mouse

### Background:

This protein forms a homohexameric complex that interacts with a variety of cofactors and extracts ubiquitinated proteins from lipid membranes or protein complexes. Mutations in this gene cause IBMPFD (inclusion body myopathy with paget disease of bone and frontotemporal dementia), ALS (amyotrophic lateral sclerosis) and Charcot-Marie-Tooth disease in human patients.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

89.3kDa

### Swiss-Prot:

P55072

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IF:1/200 - 1/1000 FC:1/200 - 1/400

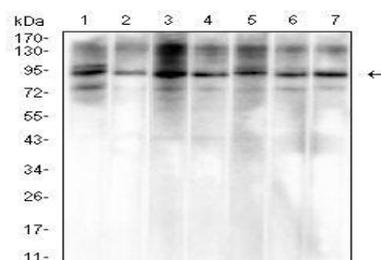
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

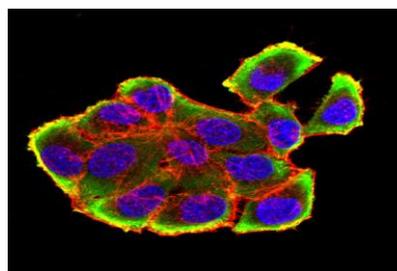
### Isotype:

Mouse IgG1

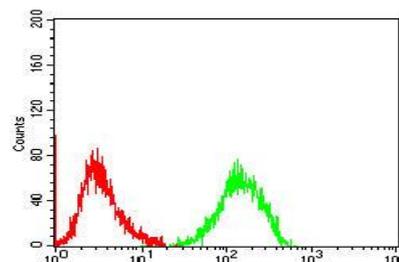
### DATA:



Western blot analysis using VCP mouse mAb against HeLa (1), A549 (2), NIH/3T3 (3), Raw264.7 (4), SH-SY5Y (5), MCF-7 (6), and A431 (7) cell lysate.



Immunofluorescence analysis of HeLa cells using VCP mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of MOLT4 cells using VCP mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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