

## ATP6AP1 monoclonal antibody

Catalog: MB23215

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a component of a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. Vacuolar ATPase (V-ATPase) is comprised of a cytosolic V1 (site of the ATP catalytic site) and a transmembrane V0 domain. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. The encoded protein of this gene may assist in the V-ATPase-mediated acidification of neuroendocrine secretory granules. This protein may also play a role in early development.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

52kDa

### Swiss-Prot:

Q15904

### 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    FC:1/200 - 1/400

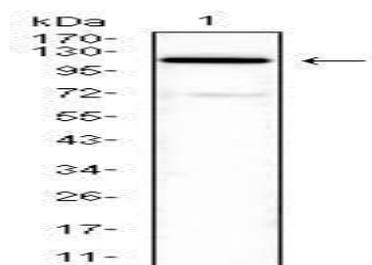
### Storage&Stability:

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

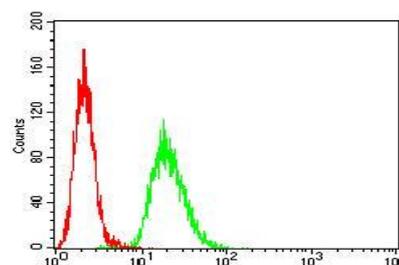
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using ATP6AP1 mouse mAb against PC-3 (1) cell lysate.



Flow cytometric analysis of HeLa cells using ATP6AP1 mouse mAb (green) and negative control (red).

### Note:

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

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