

## M6PR monoclonal antibody

Catalog: MB23407

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a member of the P-type lectin family. P-type lectins play a critical role in lysosome function through the specific transport of man-nose-6-phosphate-containing acid hydrolases from the Golgi complex to lysosomes. The encoded protein functions as a homodimer and requires divalent cations for ligand binding. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome X.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

31kDa

### Swiss-Prot:

P20645

### Purification&Purity:

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

### Applications:

IHC:1/200 - 1/1000 IF:1/50 - 1/200 FC:1/200 - 1/400

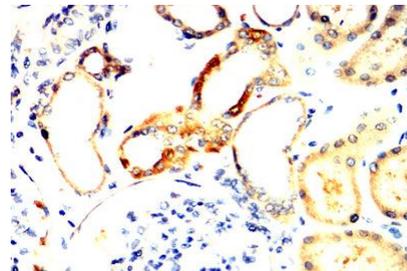
### Storage&Stability:

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

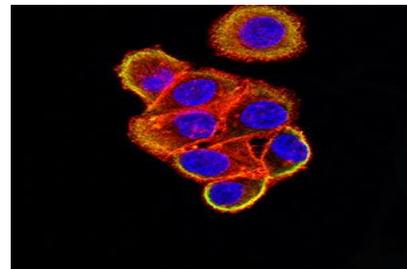
### Isotype:

Mouse IgG1

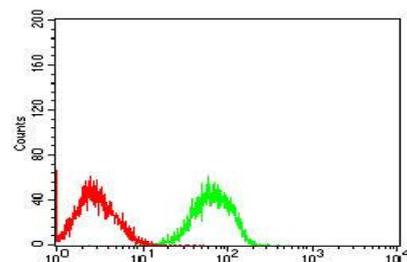
### DATA:



Immunohistochemical analysis of paraffin-embedded human kidney tissues using M6PR mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using M6PR 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 Jurkat cells using M6PR mouse mAb (green) and negative control (red).

### Note:

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

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