

## DDDDK-tag (1A8) monoclonal antibody

Catalog: AP0007M

Host: Mouse

Reactivity: Transfected

### BackGround:

Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation and immunostaining techniques. Due to their small size, they are unlikely to affect the tagged protein's biochemical properties.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

N/A

### Swiss-Prot:

N/A

### Purification&Purity:

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

### Applications:

WB: 1:5000~1:50000

IP: 1:100~1:1000

IF: 1:100~1:1000

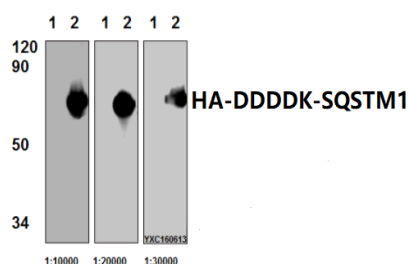
### Storage&Stability:

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

### Specificity:

DDDDK-tag (1A8) mAb detects over-expressed or recombinant proteins containing the DDDDK epitope tag.

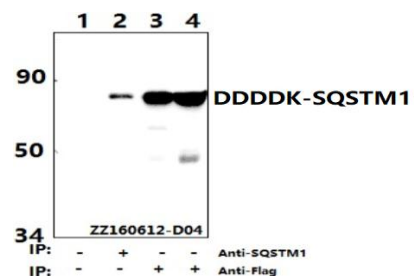
### DATA:



Western blot (WB) analysis of DDDDK-tag (1A8) mAb at 1:10000/1:20000/1:30000 dilution

Lane1:HEK293T whole cell lysate ,untransfected

Lane2:HEK293T whole cell lysate , transfected with pcDNA3.1-HA-DDDDK-p62



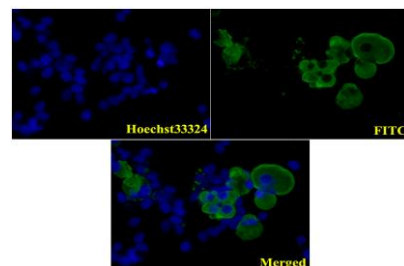
Western blot (WB) analysis of DDDDK-tag (1A8) mAb at 1:5000 dilution

Lane1:HEK293T whole cell lysate ,untransfected

Lane2:HEK293T whole cell lysate , transfected with pcDNA3.1-HA-DDDDK-p62 (Anti-SQSTM1, IP)

Lane3:HEK293T whole cell lysate , transfected with pcDNA3.1-HA-DDDDK-p62 (Anti-DDDDK, IP)

Lane4:HEK293T whole cell lysate , transfected with pcDNA3.1-HA-DDDDK-p62 (Anti-DDDDK, IP, supernatant)



IF image of AP0007M stained HEK293T cells, transfected with pcDNA3.1-p62 #PPL00549-2b. The cells were 4% paraformaldehyde fixed (20 min) and then incubated in 10% normal goat serum for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody DDDDK-tag (1A8) #AP0007M(1:200) at 5 µg/ml overnight at +4 °C. The secondary antibody (Green) was Goat Anti-Mouse IgG (H+L) FITC#BS50950 used at a 1/1000 dilution for 1h. Hoechst33342 #BD5011 was used to

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## PRODUCT DATA SHEET

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stain the cell nuclei (blue).

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

Note:

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