

## V5-Tag (3C8) Mouse mAb

CatalogNo: YM3005

Orthogonal Validated Comparable Abs 

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Species independent

#### Applications

- WB,IP,IF

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.

### Recommended Dilution Ratios

WB 1:5000

IP 1:200

IF 1:1000

### Basic Information

**Clonality** Monoclonal

**Clone Number** 3C8

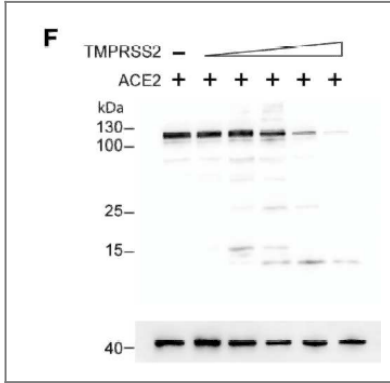
### Immunogen Information

**Immunogen** Synthetic Peptide of V5-Tag

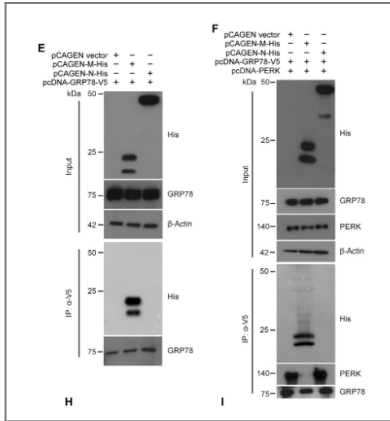
**Specificity** The antibody detects C-terminal, internal, and N-terminal V5-tag fusion proteins.

### Target Information

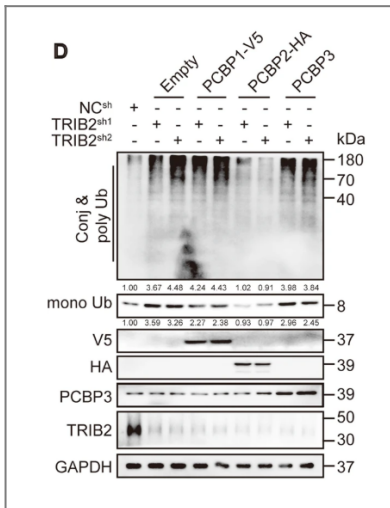
## Validation Data



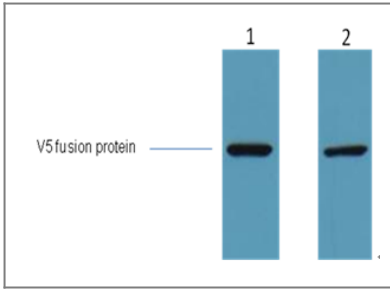
Altered host protease determinants for SARS-CoV-2 Omicron Science Advances Hin Chu WB Human 293T cell



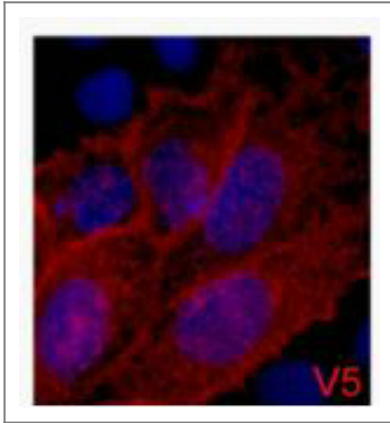
Chu, Hin, et al. "Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity." Science Advances 7.25 (2021): eabf8577.



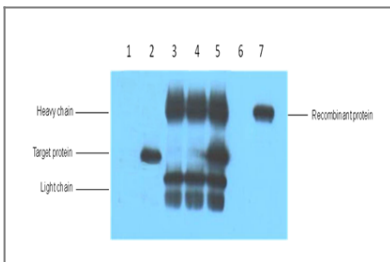
Guo, S., Chen, Y., Yang, Y. et al. TRIB2 modulates proteasome function to reduce ubiquitin stability and protect liver cancer cells against oxidative stress. Cell Death Dis 12, 42 (2021).



1ug V5 fusion protein+ Primary antibody dilution at 1) 1:5000 2) 1:10000



IF analysis of 293 cells transfected with a V5-tag protein, 1:2000 dilution (blue DAPI, red anti-V5)



IP antibody use: 5ug V5 Mouse IgG1 per ml Lysate, WB 1:5000  
 1、 untransfected 293 cell lysate 2、 transfected 293 cell lysate with V5-tag fusion protein 3、 IP (untransfected 293+anti-V5 mAb+Protein G agarose) 4、 IP (transfected 293+ normal Mouse IgG+Protein G agarose) 5、 IP (transfected 293+anti-V5 mAb+ Protein G agarose) 6、 IP (transfected 293+Protein G) 7、 Recombinant protein (E.coli)

## Contact information

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Please scan the QR code to access additional product information:  
**V5-Tag (3C8) Mouse mAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

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