

V5-Tag Mouse mAb (AM10021)

Key Features

Host Species:	Mouse
Reactivity:	Species independent
Applications:	WB,IP,IF

Recommended Dilution Ratios

WB:	1:5000
IP:	1:200
IF:	1:1000

Storage

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

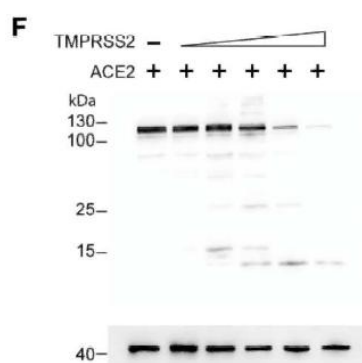
Basic Information

Clonality	Monoclonal
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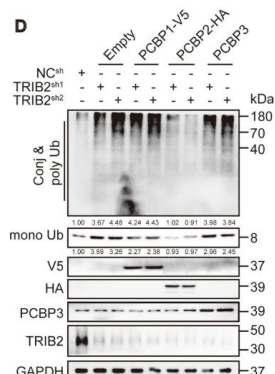
Immunogen Information

Specificity	The antibody detects C-terminal, internal, and N-terminal V5-tag fusion proteins
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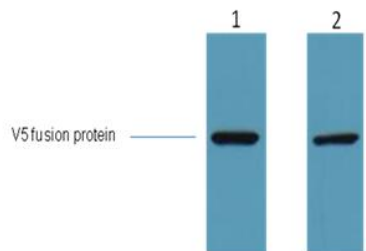
Validation Data



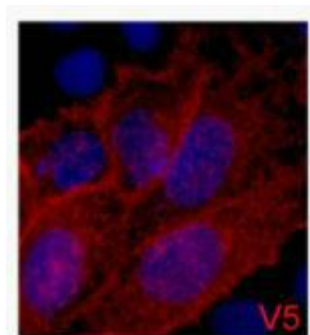
Altered host protease determinants for SARS-CoV-2 Omicron
Science Advances Hin Chu WB Human 293T cell



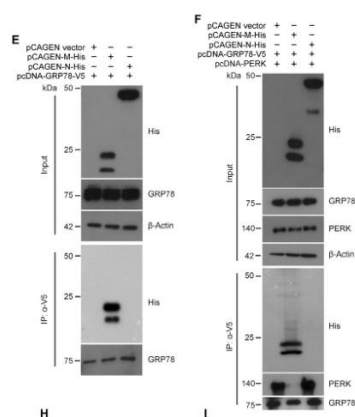
Guo, S., Chen, Y., Yang, Y. et al. TRIB2 modulates proteasome function to reduce ubiquitin stability and protect liver cancer cells against oxidative stress. Cell Death Dis 12, 42 (2021)



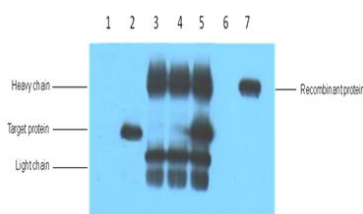
1ug V5 fusion protein+ Primary antibody dilution at
 1) 1:5000
 2) 1:10000



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



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



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)

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