

V5-Tag Monoclonal Antibody(3C8)

Catalog No: YM3005

Reactivity: Species independent

Applications: WB;IP;IF

Target: V5-Tag

Immunogen : Synthetic Peptide of V5-Tag

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

Formulation : PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and

50% Glycerol.

Source: Monoclonal, Mouse

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

Purification: The antibody was affinity-purified from mouse ascites by affinity-

chromatography using specific immunogen.

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

Background : The V5 epitope tag is derived from a small epitope (Pk) present on the P and V

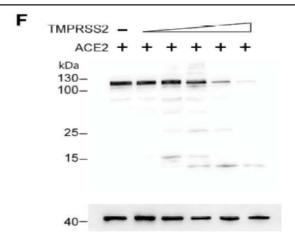
proteins of the paramyxovirus of simian virus 5 (SV5). The V5 tag antibody can be

helpful in detecting the recombinant proteins, some of which include

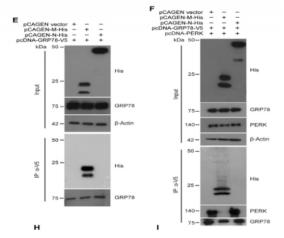
transmembrane and secreted proteins fusion protein. This V5-tag antibody is prepared by immunizing synthetic peptide GKPIPNPLLGLDST coupled to KLH.

Products Images

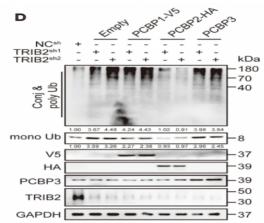
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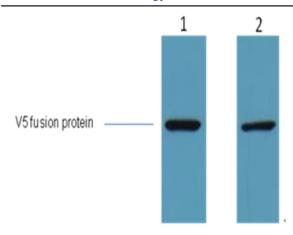
Altered host protease determinants for SARS-CoV-2 Omicron Science Advances Hin Chu WB Human 293T cell



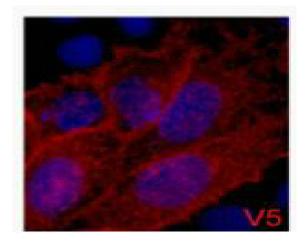
Chu, Hin, et al. "Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity." Science Advances 7.25 (2021): eabf8577.



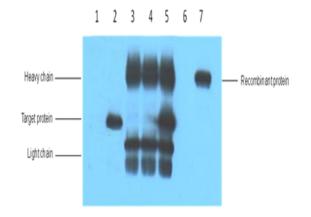
Guo, S., Chen, Y., Yang, Y. et al. TRIB2 modulates proteasome function to reduce ubiquitin stability and protect liver cancer cells against oxidative stress. Cell Death Dis 12, 42 (2021).



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(untransfted 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)