



V5-Tag Monoclonal Antibody(3C8)

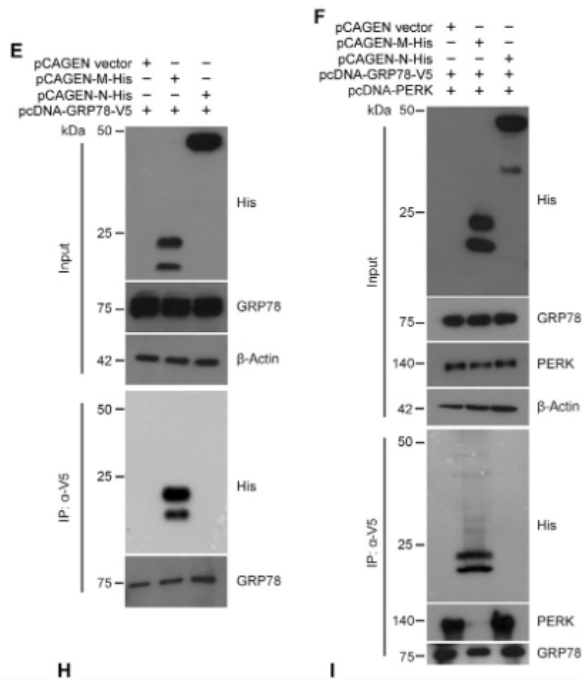
Catalog No	YP-Ab-04727
Isotype	IgG
Reactivity	Species independent
Applications	WB;IP;IF
Gene Name	
Immunogen	Synthetic Peptide of V5-Tag
Specificity	The antibody detects C-terminal, internal, and N-terminal V5-tag fusion proteins.
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	WB: 1:5000 IP: 1:200 IF: 1:1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Unconjugated;V5-Tag
Observed Band	
Calculated Molecular Weight	
Cell Pathway	
Tissue Specificity	
Function	
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 GKIPNPLLGLDST coupled to KLH.
matters needing attention	Avoid repeated freezing and thawing!



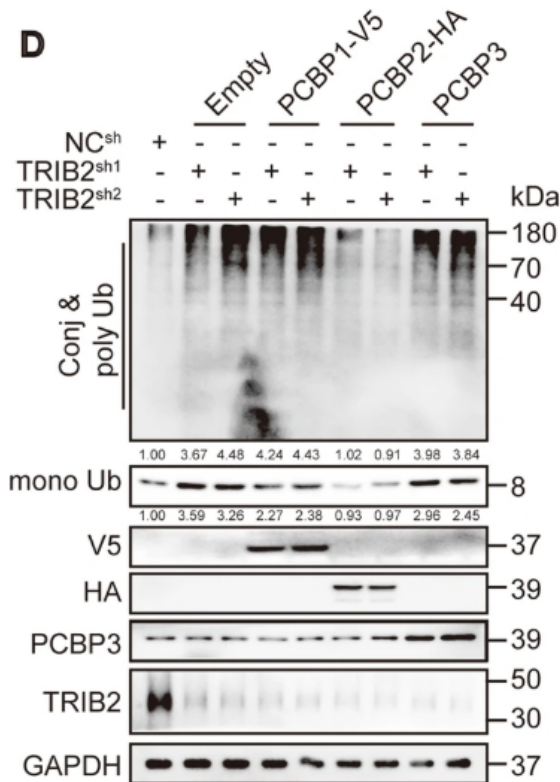
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

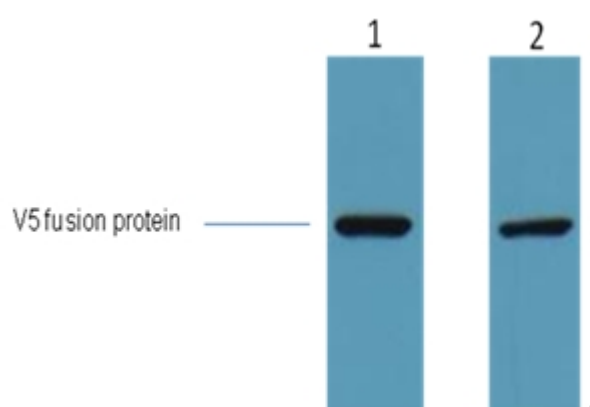
Products Images



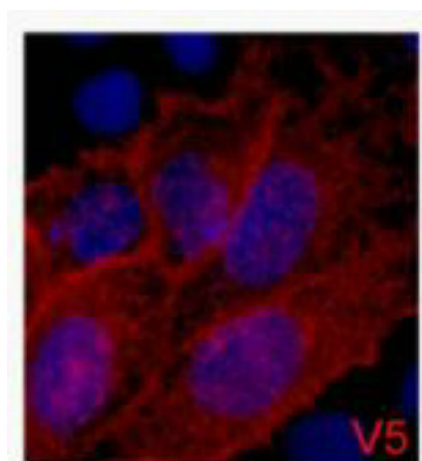
Chu, Hin, et al. "Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity." *Science Advances* 7.25 (2021): eabf8577.



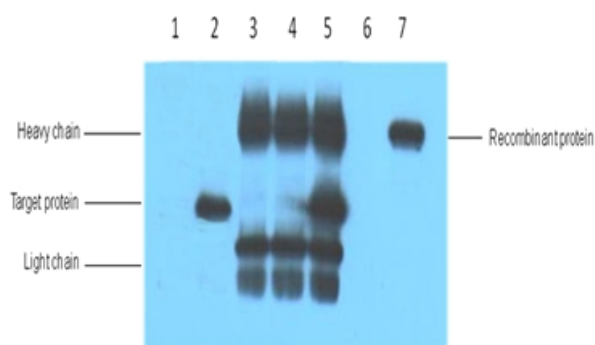
Guo, S., Chen, Y., Yang, Y. et al. TRIB2 modulates proteasome function to reduce ubiquitin stability and protect liver cancer cells against oxidative stress. *Cell Death Dis* 12, 42 (2021).



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)