V5-Tag Mouse Monoclonal Antibody

Catalog No: #T605

Package Size: #T605 100ul

Signalway Antibody
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Description

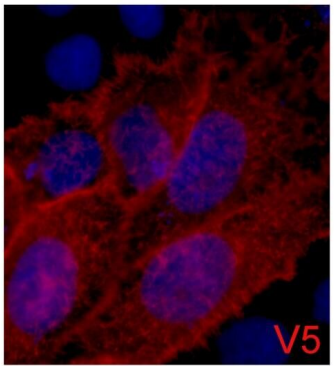
Product Name	V5-Tag Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	MR4558
Isotype	IgG1
Purification	Affinity-chromatography
Applications	ELISA,WB,IHC,IF,IP,FC
Specificity	V5-tag mouse monoclonal antibody detects endogenous levels of internal, C-terminal, and N-terminal V5-tagged proteins.
Immunogen Type	Peptide-KLH
Immunogen Description	A synthetic peptide GKPIPNPLLGLDST coupled to KLH.
Conjugates	Unconjugated
Target Name	V5-Tag
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Application Details

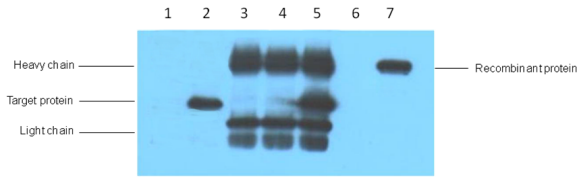
Western blotting 1:3000-1:10000

Immunohistochemistry 1:200

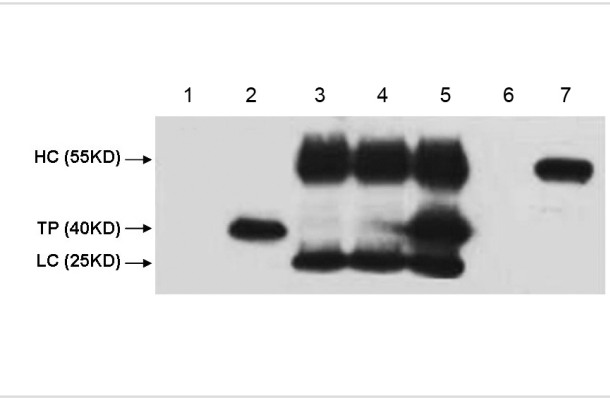
Images



IF analysis of 293 cells transfected with a V5-tag protein, using anti-V5Tag Mouse mAb at a 1:2000 dilution (blue DAPI, red anti-V5)



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



All lanes : V5-Tag Mouse mAb at 1/3k dilution Lane 1 : HEK 293 cell lysate transfected without V5-tag protein Lane 2 : HEK 293 cell lysate transfected with V5 -tag protein Lane 3 : IP (HEK 293 cell without transfected + anti- V5 mAb 4°C overnight) Lane 4 : IP (PBS + anti- V5 mAb 4°C overnight) Lane 5 : IP (HEK293 transfected+protein G+anti- V5 mAb 4°C overnight)Lane 6 : IP (HEK293 transfected+RIPA+Protein G 4°C overnight)Lane 7 : Multi Tag Recombinant protein (expressed in E.coli) TP=Target Protein HC=Heavy chain LC=Light Chain

Background

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.