

Anti-V5 Tag Antibody (9M192)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	other
Conjugation:	Unconjugated
Clone:	9M192
Purification:	Protein A

Applications

Verified Activity:	<p>1. Anti-V5 Tag mouse monoclonal antibody at 1:500 dilution.</p> <ul style="list-style-type: none"> -Lane A: his-ARG1-V5 transfected 293 cell Lysate(60ug) -Lane B: mFABP4-V5-his transfected 293 cell Lysate(60ug) -Lane C: V5-ARG1-his transfected 293 cell Lysate(10ug) -Lane D: V5-mFABP4-his transfected 293 cell Lysate(20ug) -Lane E: Negative control transfected 293 cell Lysate(30ug) <p>-Secondary</p> <ul style="list-style-type: none"> -Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution. -Developed using the Odyssey technique. -Performed under reducing conditions <p>2. V5 tag was immunoprecipitated using:</p> <ul style="list-style-type: none"> -Lane A:0.5 mg V5-ARG1-His transfected 293 Whole Cell Lysate. -Lane B:0.5 mg V5-mFABP4-His transfected 293 Whole Cell Lysate. <p>-2 µL anti-V5 tag mouse monoclonal antibody and 15 µl of 50 % Protein G agarose.</p> <p>-Primary antibody:</p> <ul style="list-style-type: none"> -Anti-V5 tag mouse monoclonal antibody, at 1:100 dilution. <p>-Secondary antibody:</p> <ul style="list-style-type: none"> -Dylight 800-labeled antibody to Mouse IgG (H+L), at 1:7500 dilution. -Developed using the odyssey technique. -Performed under reducing conditions. -Predicted band size: kDa. -Observed band size: kDa
Application:	IP,WB
Recommended	WB: 1:500-1:2000; IP: 1-4 µg/mg of lysate

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: A synthetic peptide: V5 tag sequence (GKPIPPLLGLDST).

Antigen Species: Other

Research Background

The V5 epitope tag has a 14-amino-acid sequence (GKPIPPLLGLDST) which is derived from simian parainfluenza virus type 5 (SV5). The V5 epitope tag is used to label a protein of interest so that the tagged protein can be analyzed and visualized. Anti-V5 epitope tag antibody products recognize and detect V5-tagged proteins without a protein-specific antibody or probe in several immunochemical assays such as Western Blotting, ELISAs and immunostaining techniques.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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