

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

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### 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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