

Anti-V5 Tag Antibody (9X33)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	other
Conjugation:	Unconjugated
Clone:	9X33
Purification:	Protein A

Applications

Verified Activity:	Immunofluorescence staining of V5-Tag in Hela cells, transfected with pSTEP2-V5-mFABP4-his (Figure A), pSTEP2-mFABP4-V5-his (Figure B), pSTEP2-V5-ARG1-his (Figure C) and pSTEP2-his-ARG1-V5 (Figure D). Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with Mouse anti-V5-Tag monoclonal antibody at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue).
Application:	ICC/IF
Recommended	ICC-IF: 1:20-1:100

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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