Anti-V5 Tag antibody

Catalog Number: 104715

Product name

Anti-V5 Tag antibody

Specificity

Recognize N-terminal and C-terminal V5 Tag in fusion proteins

Antibody description

Mouse monoclonal to V5 Tag

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with a synthetic peptide corresponding to the V5 tag sequence (GKPIPNPLLGLDST). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

0.2 μm filtered solution in PBS

Storage

This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free.
Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

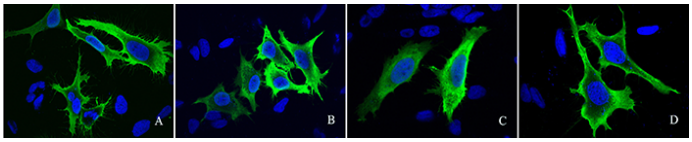
Mouse IgG1

Applications
IF, ICC/IF

Dilutions

ICC/IF: 10-25 μg/mL

Validations



Anti-V5 Tag Antibody, Mouse MAb, Immunofluorescence

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, permeabilzed with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with Mouse anti-flag-Tag monoclonal antibody at 37℃ 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue).