

# 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 (GKPIPPLLGLDST). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

## Formulation

0.2  $\mu$ m filtered solution in PBS

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. 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

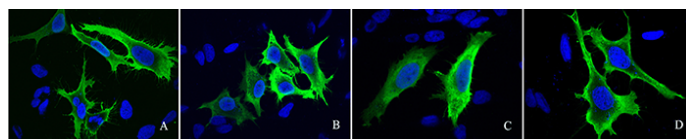
## Applications

IF, ICC/IF

## Dilutions

ICC/IF: 10-25  $\mu$ g/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, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with Mouse anti-flag-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).