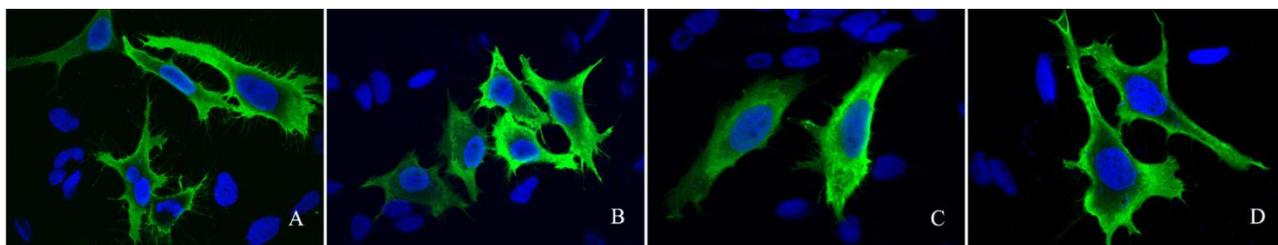




Catalog Number: 100378-MM04

GENERAL INFORMATION	
Immunogen:	A synthetic peptide corresponding to the V5 tag sequence (GKPIPPLLGLDST).
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.
Ig Type:	Mouse IgG1
Clone ID:	04
Specificity:	Recognize N-terminal and C-terminal V5 Tag in fusion proteins
Formulation:	0.2 µm 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.
APPLICATIONS	
Applications:	ICC/IF,IF
RECOMMENDED CONCENTRATION	
ICC/IF	ICC/IF: 1:20-1:100

Please Note: Optimal concentrations/dilutions should be determined by the end user.



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).

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