

Anti-FLAG tag antibody



Catalog Number: 100127

Product name

Anti-FLAG tag antibody

Specificity

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

Antibody description

Mouse monoclonal to FLAG 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 purified, the synthetic peptide corresponding to the DYKDDDDK-tag sequence (CDYKDDDDK). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

0.2 μ 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 IgG2b

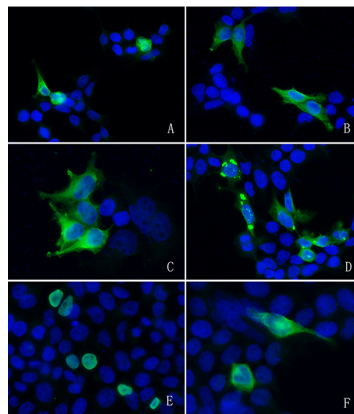
Applications

ICC/IF

Dilutions

ICC/IF: 5-20 μ g/mL

Validations



Anti-DYKDDDDK (FLAG® epitope Tag) Antibody, Mouse MAb, Immunohistochemistry

Immunofluorescence staining of flag-Tag in 293 cells, transfected with PCMV-CDH1-flag (Figure A), pSTEP2-Flag-FABP4-GST (Figure B), pSTEP2-Flag-ARG1-GST (Figure C), Flag-PRMT5-His (Figure D), Flag-PRMT6-His (Figure E) and His-flag-CD38 (Figure F). 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).