

Store at
4°C

Myc-Tag (71D10) Rabbit mAb (PE Conjugate)

#64025



Cell Signaling
TECHNOLOGY®

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Applications
F
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Species Cross-Reactivity
All

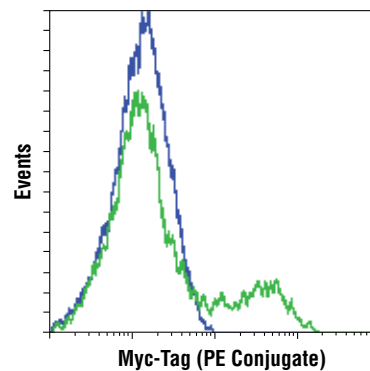
Isotype
Rabbit IgG

Description: This Cell Signaling Technology antibody is conjugated to phycoerythrin (PE) and tested in-house for direct flow cytometry analysis. This antibody is expected to exhibit the same species cross-reactivity as the unconjugated Myc-Tag (71D10) Rabbit mAb #2278.

Background: Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. Because of their small size, they are unlikely to affect the tagged protein's biochemical properties.

Specificity/Sensitivity: Myc-Tag (71D10) Rabbit mAb (PE Conjugate) detects recombinant proteins containing the Myc epitope tag. The antibody recognizes the Myc-tag fused to either the amino or carboxy terminus of targeted proteins in transfected cells.

Source/Purification: Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues 410-419 of human c-Myc (EQKLISEEDL).



Flow cytometric analysis of COS-7 cells, untransfected (blue) or transfected with a Myc-tagged fusion protein, using Myc-Tag (71D10) Rabbit mAb (PE Conjugate) (green).

Storage: Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. Do not aliquot the antibody. Protect from light. Do not freeze.

Recommended Antibody Dilutions:

Flow Cytometry

1:50

For product specific protocols and a complete listing of recommended companion products please see the product web page at www.cellsignal.com

U. S. Patent No. 5,675,063.

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Applications: W—Western IP—Immunoprecipitation IHC—Immunohistochemistry ChIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry E-P—ELISA-Peptide **Species Cross-Reactivity:** H—human M—mouse R—rat Hm—hamster Mk—monkey Mi—mink C—chicken Dm—D. melanogaster X—Xenopus Z—zebrafish B—bovine Dg—dog Pg—pig Sc—S. cerevisiae Ce—C. elegans Hr—Horse All—all species expected Species enclosed in parentheses are predicted to react based on 100% homology.