

Store at
4°C

Anti-mouse IgG (H+L), F(ab')₂ Fragment (PE Conjugate)

#59997

Cell Signaling
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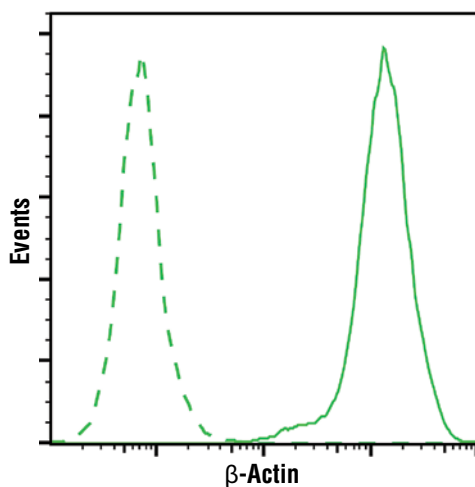
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For Research Use Only. Not For Use In Diagnostic Procedures.Applications
FIsotype
Goat

Description: Anti-mouse IgG (H+L), F(ab')₂ Fragment was conjugated to phycoerythrin (PE) under optimal conditions. This F(ab')₂ fragment product results in less non-specific binding, as it lacks the Fc domain that can bind to cells with Fc receptors.

Background: This product has been optimized for use as a secondary antibody in flow cytometry. Fluorescent anti-species IgG conjugates are ideal for flow cytometry and immunofluorescence. Cell Signaling Technology's strict quality control procedures assure that each conjugate provides optimal specificity and fluorescence.

Specificity/Sensitivity: F(ab')₂ fragments are prepared from goat antibodies that have been affinity purified and shown no reactivity against non-immunoglobulin mouse serum proteins or bovine, goat, human, rabbit or rat IgG based on immunoelectrophoresis (IEP) testing.



Flow cytometric analysis of Jurkat cells using β -Actin (8H10D10) Mouse mAb #3700 detected with Anti-mouse IgG (H+L), F(ab')₂ Fragment (PE Conjugate) (solid line) compared to concentration matched Mouse (G3A1) mAb IgG1 Isotype Control #5415 (dashed line).

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.

Directions for Use: The optimal dilution of the anti-species antibody should be determined for each primary antibody by titration. However, a final dilution of 1:250 – 1:1000 should yield acceptable results flow cytometry assays.

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

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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.