

# Anti-rabbit IgG (H+L), F(ab')<sub>2</sub> Fragment (PE Conjugate)

✓ 250 µl



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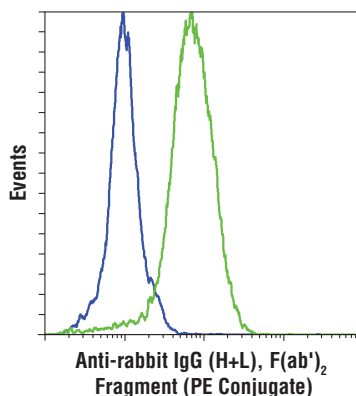
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**For Research Use Only. Not For Use In Diagnostic Procedures.**

**Description:** Anti-rabbit IgG (H+L), F(ab')<sub>2</sub> Fragment was conjugated to phycoerythrin (PE) under optimal conditions and formulated at 1 mg/ml. This F(ab')<sub>2</sub> fragment results in less non-specific binding to cells through 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')<sub>2</sub> fragments are prepared from goat antibodies that have been adsorbed against pooled human serum, mouse serum, plasmacytoma/hybridoma proteins, and purified human paraproteins.



Flow cytometric analysis of Jurkat cells, untreated (green) or treated with LY294002 #9901, Wortmannin #9951, and U0126 #9903 (blue), using Phospho-Akt (Ser473) (D9E) XP<sup>®</sup> Rabbit mAb #4060 detected with Anti-rabbit IgG (H+L), F(ab')<sub>2</sub> Fragment (PE Conjugate).

**Storage:** Supplied in 0.1 M sodium phosphate, 0.1 M sodium chloride, pH 7.5, 5 mM sodium azide. 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](http://www.cellsignal.com)**

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**Applications Key:** W—Western IP—Immunoprecipitation IHC—Immunohistochemistry ChIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry E-P—ELISA-Peptide  
**Species Cross-Reactivity Key:** 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.