

Store at 4°C

#8890

# Anti-mouse IgG (H+L), F(ab')<sub>2</sub> Fragment (Alexa Fluor® 594 Conjugate)

250 µl



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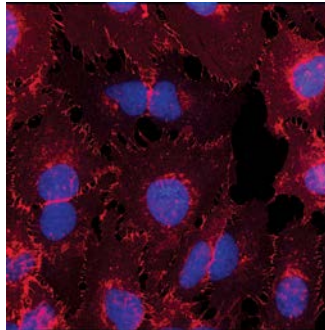
**For Research Use Only. Not For Use In Diagnostic Procedures.**

**Description:** Anti-mouse IgG (H+L), F(ab')<sub>2</sub> Fragment was conjugated to Alexa Fluor® 594 fluorescent dye under optimal conditions and formulated at 2 mg/ml. This F(ab')<sub>2</sub> fragment product results in less non-specific binding, as it lacks the Fc domain that can bind to cells with Fc receptors.

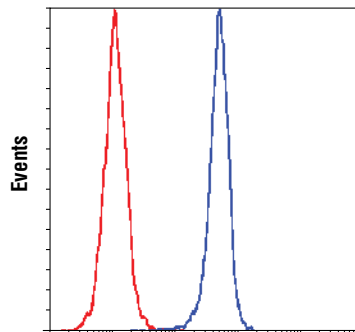
**Background:** This product has been optimized for use as a secondary antibody in immunofluorescent applications. Fluorescent anti-species IgG conjugates are ideal for flow cytometry and immunofluorescence. Cell Signaling Technology's strict quality control procedures assure that each conjugate provides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

**Specificity/Sensitivity:** F(ab')<sub>2</sub> fragments are prepared from goat antibodies that have been adsorbed against human IgG and human serum.

## HeLa



*Immunofluorescent analysis of HeLa cells using  $\beta$ -Catenin (L54E2) Mouse mAb (IF Preferred) #2677 detected with Anti-mouse IgG (H+L), F(ab')<sub>2</sub> Fragment (Alexa Fluor® 594 Conjugate) (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).*



## Anti-mouse IgG (H+L), F(ab')<sub>2</sub> Fragment (Alexa Fluor® 594 Conjugate)

*Flow cytometric analysis of untreated Jurkat cells using Akt (5G3) Mouse mAb #2966 detected with Anti-mouse IgG (H+L), F(ab')<sub>2</sub> Fragment (Alexa Fluor® 594 Conjugate) (blue) compared to concentration-matched Mouse (G3A1) mAb IgG1 Isotype Control #5415 (red).*

**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 1:500 - 1:2000 should yield acceptable results for immunofluorescent and 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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