Store at 4°C

#4418

Anti-Rat IgG (H+L), (Alexa Fluor® 647 Conjugate)

☑ 250 µl

Cell Signaling TECHNOLOGY®

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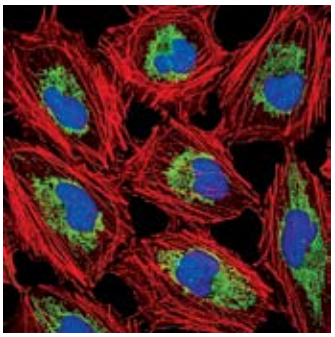
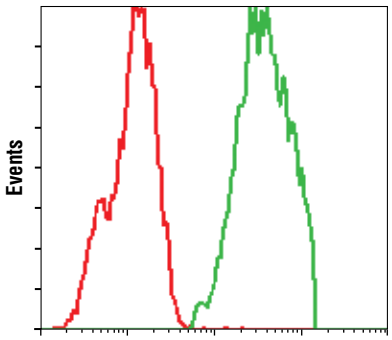
Description: Anti-Rat IgG (H+L) was conjugated to Alexa Fluor® 647 fluorescent dye under optimal conditions and formulated at 2 mg/ml.

Background: 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: IgG is prepared from goat antibodies that have been adsorbed against mouse IgG, mouse serum and human serum.



Confocal immunofluorescent analysis of HeLa cells using ORC2 (3G6) Rat mAb #4736 detected with Anti-Rat IgG (H+L), (Alexa Fluor® 647 Conjugate) (blue) and COX IV (3E11) Rabbit mAb #4850 detected with Anti-Rabbit IgG (H+L), F(ab')$_2$ Fragment (Alexa Fluor® 488 Conjugate) #4412 (green). Actin filaments have been labeled with DY-554 phalloidin (red).



Anti-Rat IgG (H+L) (Alexa Fluor® 647 Conjugate)

Flow cytometric analysis of untreated HeLa cells using HSP70 (6B3) Rat mAb #4873 detected with Anti-Rat IgG (H+L) (Alexa Fluor® 647 Conjugate) (green) and compared to a nonspecific negative control antibody (red).

Storage: Supplied in 0.1 M sodium phosphate, 0.1 M sodium chloride, 2 mM EDTA, 1% glycerol, 5 mM sodium azide, pH 7.5. Store at 4°C. Protect from light. *Do not freeze.*

Recommended Antibody Dilutions:
The optimal dilution of the secondary antibody should be determined for each application. However, a final dilution of 1:1000 should yield acceptable results for most immunofluorescent applications.

For application specific protocols please see the web page for this product at www.cellsignal.com.

Please visit www.cellsignal.com for a complete listing of recommended companion products.