

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

✓ 250 µl



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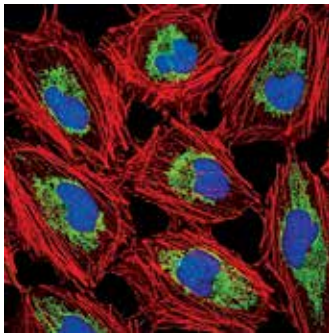
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For Research Use Only. Not For Use In Diagnostic Procedures.

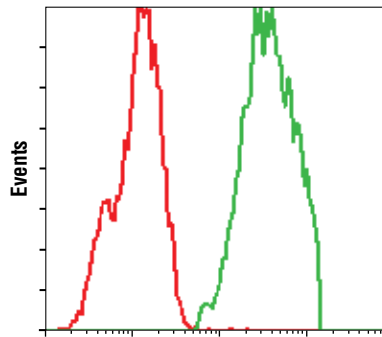
Description: Anti-rat IgG (H+L) was conjugated to Alexa Fluor® 647 fluorescent dye under optimal conditions and formulated at 2 mg/ml.

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: 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 DyLight™ 554 Phalloidin #13054 (red).



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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, 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