

Anti-Rabbit IgG (H+L), F(ab')₂ Fragment (Alexa Fluor® 488 Conjugate)

✓ 250 µl

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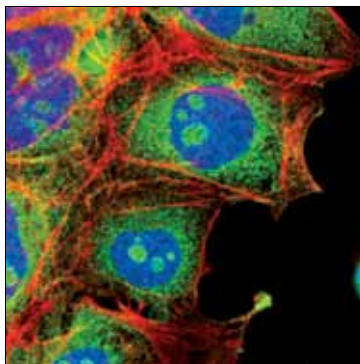
rev. 03/22/11

This product is intended for research purposes only. This product is not intended to be used for therapeutic or diagnostic purposes in humans or animals.

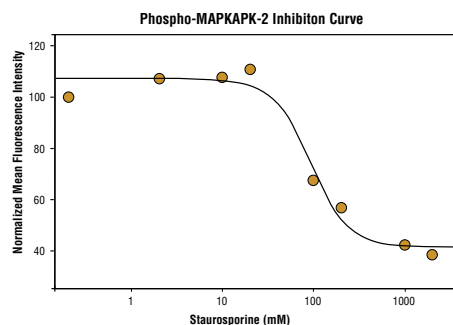
Description: Anti-Rabbit IgG (H+L) F(ab')₂ Fragment was conjugated to Alexa Fluor® 488 fluorescent dye under optimal conditions and formulated at 2 mg/ml. This F(ab')₂ fragment results in less non-specific binding to cells through Fc receptors.

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.

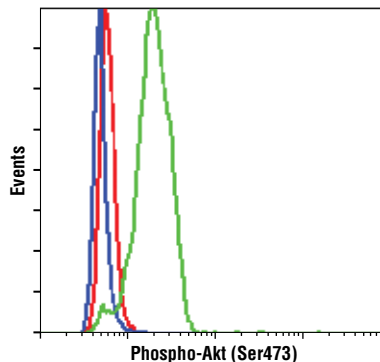
Specificity/Sensitivity: F(ab')₂ fragments are prepared from goat antibodies that have been adsorbed against pooled human serum, mouse serum, plasmacytoma/hybridoma proteins and purified human paraproteins.



Confocal immunofluorescent analysis of P19 cells using LIN28A (A177) Antibody #3978 detected with Anti-Rabbit IgG (H+L), F(ab')₂ Fragment (Alexa Fluor® 488 Conjugate) (green). Actin filaments have been labeled with DY-554 phalloidin (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



High content analysis of HeLa cells exposed to varying concentrations of staurosporine for 3hr. With increasing concentrations of staurosporine, a significant decrease (~2.5 fold) in phospho-MAPKAPK-2 signal as compared to the untreated control was observed. When using phospho-MAPKAPK-2 as a measurement, the IC₅₀ of this compound was 92.5 mM. Data were generated on the Acumen® HCS platform using Anti-Rabbit IgG (H+L), F(ab')₂ Fragment (Alexa Fluor® 488 Conjugate).



Flow cytometric analysis of Jurkat cells, untreated (green) or treated with LY294002 #9901, Wortmannin #9951 and U0126 #9903 (blue), using Phospho-Akt (Ser473) (D9E) Rabbit mAb #4060 detected with Anti-Rabbit IgG (H+L), F(ab')₂ Fragment (Alexa Fluor® 488 Conjugate) 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.cellsignaling.com.

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

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