

# SignalSilence® Control siRNA (Fluorescein Conjugate)

- ✓ 10 µM in 60 µl  
(20 Transfections)



Cell Signaling  
TECHNOLOGY®

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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.

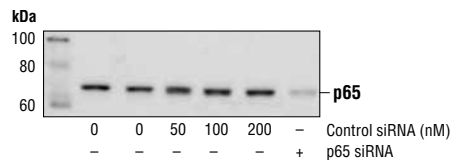
## Species Cross-Reactivity: H, All

**Description:** RNA interference is a method whereby gene expression can be selectively silenced through the delivery of double stranded RNA molecules into the cell. SignalSilence® Control siRNA (Fluorescein Conjugate) from Cell Signaling Technology (CST) is an siRNA sequence that will not lead to the specific degradation of any cellular message. It is intended to serve as a negative control for experiments using targeted siRNA transfection. In addition, this siRNA is fluorescein-conjugated to allow the researcher to assess transfection efficiency by fluorescence microscopy.

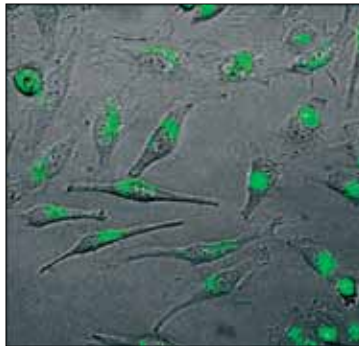
**Directions for Use:** CST recommends transfection with 100 nM SignalSilence® Control siRNA (Fluorescein Conjugate) 24 to 48 hours prior to cell lysis. For transfection procedure, follow protocol provided by transfection reagent manufacturer. Please feel free to contact CST with any questions on use.

## Selected Application References:

Dai, Y. et al. (2004) A Bcr/Abl-independent, Lyn-dependent form of imatinib mesylate (STI-571) resistance is associated with altered expression of Bcl-2. *Journal Of Biological Chemistry* 279, 34227–34239. Application: siRNA.



Western blot analysis of extracts from HeLa cells, either untransfected or transfected with NF-κB p65 siRNA #6261 or SignalSilence® Control siRNA (Fluorescein Conjugate), using NF-κB p65 Antibody #3034.



Fluorescent detection of SignalSilence® Control siRNA (Fluorescein Conjugate) in living HeLa cells 24 hours post-transfection, demonstrating nearly 100% transfection efficiency. TransIT-TKO® Transfection Reagent from Mirus was used (Mirus catalog #MIR2114).

**Storage:** SignalSilence Control siRNA (Fluorescein Conjugate) is supplied in RNase-free water. Aliquot and store at -20°C.

Please visit [www.cellsignal.com](http://www.cellsignal.com) for a complete listing of recommended companion products.