

Store at RT

#11932

Image-iT[®] FX Signal Enhancer

10 ml

Cell Signaling
TECHNOLOGY[®]Support: +1-978-867-2388 (U.S.)
cellsignal.com/supportOrders: 877-616-2355 (U.S.)
orders@cellsignal.com

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: IF-F, IF-IC

Species Cross-Reactivity: All

Fluorescent Dyes Successfully Tested with the
Image-iT[®] FX Signal EnhancerDyes with Potentially Strong Background
Fluorescence¹

Fluorescein

Oregon Green[®] 488 & 514

Tetramethylrhodamine

Texas Red[®]Cascade Yellow[™]

Dy 565 & 630

Atto 590 & 610

Alexa Fluor[®] 405, 430, 488, 500, 514, 555, 568, 594,
610, 633, 635, 647, 660, 680, 700, & 750Cascade Blue[®]Dyes with Potentially Weak Background
Fluorescence¹

Cy 5

Dy 635

Marina Blue[®]Alexa Fluor[®] 532 & 546

Allophycocyanin

R-phycoerythrin

DyeMer[™] 488/605, 488/615, & 488/630Background-Free Fluorescent Dyes²Alexa Fluor[®] 350

IRTM 790

Cy 3

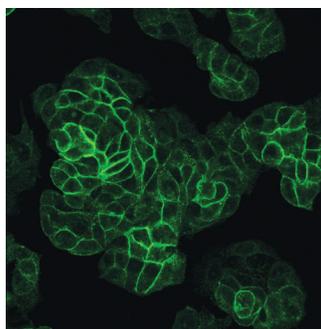
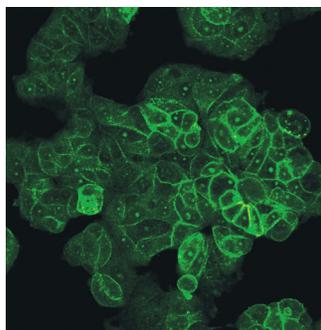
Pacific Blue[™]

Rhodamine B

Rhodamine Red[™]-XTexas Red[®]-X

Dy 550 & 610

Description: Alexa Fluor[®] and many other anionic fluorescent dyes and proteins can bind nonspecifically with cationic cell and tissue constituents. By efficiently blocking these nonspecific electrostatic interactions, Image-iT[®] FX Signal Enhancer can dramatically improve the signal-to-noise ratio of immunolabeled cells and tissues. Image-iT[®] is a liquid that is applied directly to slides or coverslips containing fixed and permeabilized cell or tissue samples prior to staining with fluorescent probes.



Confocal immunofluorescent analysis of MCF7 cells using EpcAM (D1B3) Rabbit mAb #2626 (green) either untreated (upper), or treated with Image-iT[®] FX Signal Enhancer (lower). Note the reduction in non-specific, nucleolar background following pre-treatment with Image-iT[®] FX Signal Enhancer.

Storage: Store at room temperature. This product is stable for 12 months.

Directions for Use: Following specimen preparation:

1. Fix and permeabilize samples as recommended for the primary antibody.
2. Apply a sufficient volume of Image-iT[®] FX Signal Enhancer #11932 to cover samples.
3. Incubate for 30 minutes at room temperature in a humid environment.
4. Rinse thoroughly and then proceed with blocking and immunostaining.

¹ Background staining was blocked by Image-iT[®] FX signal enhancer.

² Staining was unaffected by Image-iT[®] FX Signal enhancer.

All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.

Image-iT[®], Oregon Green[®], Cascade Blue[®], Marina Blue[®], Prolong[®] and Alexa Fluor[®] are registered trademarks of Molecular Probes, Inc.

cellsignal.com