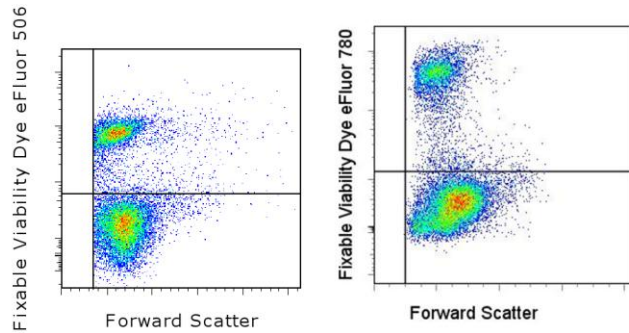


Fixable Viability Dye eFluor[®] 506/780 Sample Pack

Catalog Number: 65-2860

GPR: General Purpose Reagents. For Laboratory Use.



Staining of C57Bl/6 thymocytes cultured overnight with Fixable Viability Dye eFluor[®] 506 (left) or Fixable Viability Dye eFluor[®] 780 (right). Total cells were used for analysis.

Product Information

Contents: Fixable Viability Dye eFluor[®]
506/780 Sample Pack

REF **Catalog Number:** 65-2860

Formulation: Dye in DMSO, pre-diluted to test size

Temperature Limitation: Store at less than or equal to -70°C. Protect from light and moisture.

Batch Code: Refer to vial

Use By: Refer to vial



Description

Fixable Viability Dye eFluor[®] 506 and 780 are viability dyes that can be used to irreversibly label dead cells prior to cryopreservation, fixation and/or permeabilization procedures. Unlike 7-AAD and propidium iodide, cells labeled with Fixable Viability Dyes can be washed, fixed, permeabilized, and stained for intracellular antigens without any loss of staining intensity of the dead cells. Thus, using Fixable Viability Dyes allows dead cells to be excluded from analysis when intracellular targets are being studied. Fixable Viability Dyes may be used to label cells from all species.

Fixable Viability Dye eFluor[®] 506 can be excited by the violet (405 nm) laser line and has a peak emission of 506 nm that can be detected using a 510/50 band pass filter (equivalent to AmCyan). Fixable Viability Dye eFluor[®] 780 can be excited by the red (633 nm) laser line and has a peak emission of 780 nm that can be detected using a 780/60 band pass filter (equivalent to APC-eFluor[®] 780 or APC-Alexa Fluor[®] 750). Please make sure that your instrument is capable of detecting these dyes. For compensation, it is recommended to use a sample of the cells of interest stained with the Fixable Viability Dye. If the percentage of dead cells is expected to be less than 5%, then it is recommended to take a small aliquot of cells and heat them at 65°C for 1 minute then immediately place on ice for 1 minute. After this treatment, the heat-killed cells can be combined 1:1 with live cells and then stained with the Fixable Viability Dye.

Fixable Viability Dye eFluor[®] 506 and 780 are supplied as a pre-diluted solutions prepared in high-quality, anhydrous DMSO. They should be protected from light and moisture. Store at less than or equal to -70°C with desiccant. They may be freeze-thawed up to 20 times. Allow vials to equilibrate to room temperature before opening.

Components

Fixable Viability Dye eFluor[®] 506 (cat. 65-0866) 100 tests - 1 vial

Fixable Viability Dye eFluor[®] 780 (cat. 65-0865) 100 tests - 1 vial

Applications Reported

Fixable Viability Dye eFluor[®] 506/780 Sample Pack has been reported for use in flow cytometric analysis.

Applications Tested

Not for further distribution without written consent.

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info@ebioscience.com

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Fixable Viability Dyes are fully compatible with both IC Fixation and Permeabilization Buffers and the Fcγ3/Transcription Factor Buffer Set. They can be used at 1 μL/mL of cells resuspended at 1-10x10⁶ cells per mL in azide-free and serum/protein-free PBS. It is recommended that the concentration used be determined by each investigator for optimal performance in the assay of interest.

Special Notes

Staining with Fixable Viability Dye eFluor® 506 or 780 may be done before or after surface staining. Cells may be cryopreserved after staining with the Fixable Viability Dyes with no adverse effect on staining intensity of dead cells after thawing.

Related Products

65-0863 Fixable Viability Dye eFluor® 450

65-0864 Fixable Viability Dye eFluor® 660

65-0865 Fixable Viability Dye eFluor® 780

65-0866 Fixable Viability Dye eFluor® 506

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