

For Research Use Only

Phantom Dye Yellow 583 Viability Dye

Catalog Number: PD00008



Description

Phantom Dye Yellow 583 is a fixable viability dye which reacts with protein amine groups in both dead and live cells. Due to the compromised cell membrane in dead cells the dye can bind to many more proteins inside the cell, resulting in much higher fluorescence and easy differentiation of Live/Dead cells.

Product Information

Excitation Laser: Yellow (561 nm)

Emission (nm): 583

Use By: 6 months from date of receipt

Formulation: Solution in anhydrous DMSO

Recommended Usage: 1 uL/test

Package

100 T

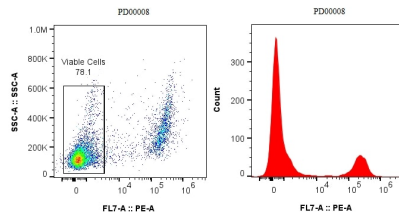
Storage

-20°C protected from light and moisture. It's recommended that customers portion the product upon receipt to minimise freeze-thaw cycles.

Application Notes

Phantom Dye Yellow 583 Viability Dye can be used at 1uL/mL of cell suspension. Concentration required for optimal performance should be determined empirically by investigator.

Validation Data



Mouse spleen cells were heat-inactivated at 65°C for 10 minutes and then mixed with live mouse spleen cells. The cells were stained using Phantom Dye Yellow 583 Viability Dye. The live cells are highlighted in the figure.

For technical support and original validation data for this product please contact

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