

# Ghost Dyes™

Exclude the Dead Guys



## Ghost Dyes™ and Cell Viability Reagents

Tonbo's Ghost Dyes™ & Cell Viability Reagents allow for clear live vs. dead cell discrimination for more precise flow cytometry analysis, and are especially useful for intracellular staining protocols.

Ghost Dyes™ bind irreversibly to amine groups and are resistant to subsequent washing, fixation and permeabilization. Dead or effete cells with compromised membranes allow Ghost Dyes™ to permeate and bind amine groups of intracellular proteins resulting in fluorescence much brighter than live cells which are impermeant to Ghost Dyes™.

Product name	Excitation Laser	Emission (nm)	Size	Cat.No.
Ghost Dye™ UV 450	355	450	100 tests	10274-082
Ghost Dye™ UV 450	355	450	500 tests	10274-084
Ghost Dye™ Violet 450	405	450	100 tests	10140-978
Ghost Dye™ Violet 450	405	450	500 tests	10141-462
Ghost Dye™ Violet 510	405	510	100 tests	10140-892
Ghost Dye™ Violet 510	405	510	500 tests	10140-980
Ghost Dye™ Red 710	633	710	100 tests	10002-364
Ghost Dye™ Red 710	633	710	500 tests	10002-098
Ghost Dye™ Red 780	633	780	100 tests	10140-888
Ghost Dye™ Red 780	633	780	500 tests	10140-890
Propidium Iodide	488, 532, 561	617	200 tests	10140-982
Propidium Iodide	488, 532, 561	617	500 tests	10140-984
7-AAD	488, 532, 561	647	200 tests	10140-986
7-AAD	488, 532, 561	647	500 tests	10140-988
CFSE (Proliferation Dye)	488	521	500 µg	10140-976