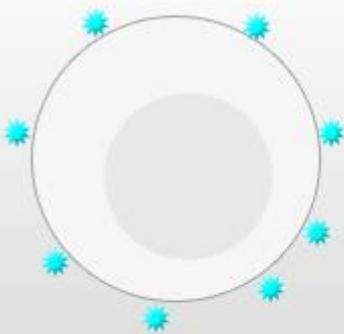
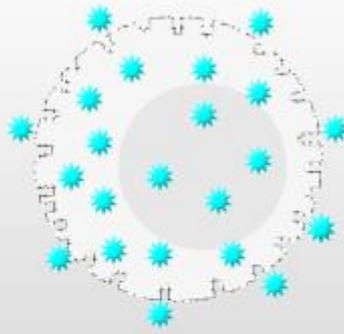


É essencial compreender o grau de morte celular em qualquer ensaio de citometria de fluxo e excluí-las da análise. Além dos corantes de DNA, iodeto de propídio e 7-AAD, que entram e coram as células mortas (sendo impermeáveis nas células vivas), a BioLegend apresenta o Zombie, que cora células mortas em ensaios onde a fixação é necessária. Veja mais informações abaixo:

LIVE

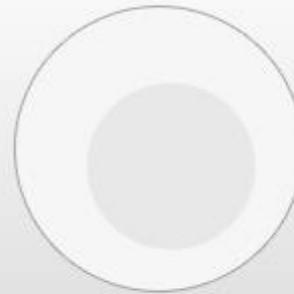


DEAD

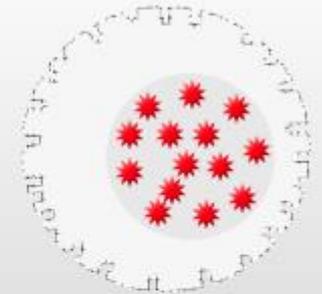


Zombie Aqua™ and Zombie Yellow™ are fixable dyes that react with primary amine groups on proteins. Live cells exclude the dyes, so that only cell surface proteins will be labeled, while dead cells allow the entry of the dyes into the cytoplasm increasing the amount of total protein labeling. Thus, dead cells will be significantly brighter for Zombie fluorescence than live cells.

LIVE



DEAD



Propidium Iodide (PI) and 7-AAD (7-amino-actinomycin D) are high affinity DNA-binding dyes that are effectively excluded from live cells. Dead cells with compromised plasma membranes allow the passage of these dyes into the nucleus, where they will bind DNA. When excited by lasers ranging from 488 nm to 561 nm, they produce a bright fluorescent signal.

PLAN

-  I plan to run my cells live through the flow cytometer without any fixation. (Sorting live cells)
-  I plan to fix my cells before I do any staining with antibodies.
-  I plan to stain my cells with antibodies and then fix my cells.
-  I plan to fix and permeabilize my cells for intracellular antibody staining.

OPTIONS



Propidium Iodide, 7-AAD, Zombie Aqua™, or Zombie Yellow™



Zombie Aqua™ or Zombie Yellow™ prior to fixation.



Zombie Aqua™ or Zombie Yellow™ prior to fixation.



Zombie Aqua™ or Zombie Yellow™ prior to fixation.

