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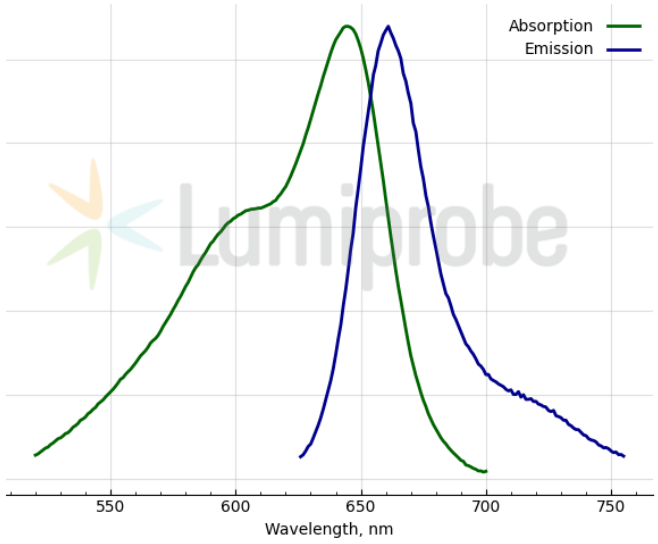
Deep-Red Fluorescent Nissl Stain

http://hk.lumiprobe.com/p/deep-red-fluorescent-nissl-stain

Nissl staining is a commonly used histological technique to visualize neural tissue morphology. The method is based on the interaction of basic dyes with the nucleic acid content of cells. Due to intensive protein synthesis, the perikarya of neurons has abundant ribosomal RNA in the rough endoplasmic reticulum ('Nissl substance'), and cytoplasmic staining of neurons is much stronger than in nuclei. On this basis, stained neurons can be distinguished from glial cells, and therefore, Nissl staining is considered specific to detect neurons.

Deep-Red Fluorescent Nissl Stain is a cell-impermeant dye that is nonfluorescent in the absence of nucleic acids but exhibits a significant fluorescence enhancement upon binding to RNA and DNA. The long-wavelength fluorescence of Deep-Red Fluorescent Nissl Stain is well separated from green and red fluorophores, which makes it ideal for multicolor fluorescence labeling experiments.

This solution is a 1000× concentrate. Dilute it with PBS to prepare staining solution.



外观:	藍色液體
质量控制:	NMR ^{1}H 和 HPLC-MS (95+%)
储存条件:	收到後 -20°C 避光保存 24 個月。運輸：室溫最多可保存3週。乾燥。
法律声明:	本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。

激发/吸收极大值，纳米:	644
发射极大值，纳米:	662