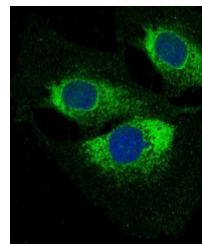


Product Datasheet

DAPI Staining Kit (orb219885)

Description	DAPI (4',6-diamidino-2-phenylindole) is a blue-fluorescent DNA stain that exhibits ~20-fold enhancement...
Tested Applications	ICC, IF
Storage	Store at -20°C for one year.
Note	For research use only
Application notes	DAPI (4,6-diamidino-2-phenylindole) is a cell permeable fluorescent minor groove-binding probe for DNA. It binds to the double-stranded DNA (especially to AT rich DNA), and forming a stable fluoresces complex. DAPI throughout the live and dead cell membrane that can be utilized for DNA detect for chromosome DNA, Yeast DNA, chloroplast DNA, Virus DNA and so on. DAPI-DNA complex shows light blue fluorescence color with excitation light 364 nm and emission light 454 nm. Experiment Notes: This product is 1 mg/ml Chromogen. Solute it with suitable density for applies. Recommend density for tissue staining is 1-2 ug/ml (on the 0.5 ug/ml, fluorescence become light saturation). For cell culture the density is 0.1 ug/ml.
Expiration Date	12 months from date of receipt.



Immunofluorescent analysis staining in H...