

Fluorescent Dye 405-I Phalloidin

Catalog # U0278

Size 300 Reactions

Applications

Maximum Excitation/Emission wavelength: 401/420 nm

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Specification

Product Description	Fluorescence Dye 405-I with Phalloidin conjugate. Protein conjugates prepared with Fluorescence Dye 405-I are bright with fluorescence unaffected by pH in the physiological range (pH 4-10). Fluorescence Dye 405-I labeled conjugates are excellent violet laser reagents for flow cytometry research.
Spectral Equivalent	Alexa Fluor 405, DyLight 405
Molar Extinction Coefficient	$\geq 20,000\text{M}^{-1}\text{cm}^{-1}$
Excitation (Max)	400 nm
Emission (Max)	421 nm
Solubility	DMSO
Regulation Status	For research use only (RUO)
Recommend Usage	Labeling via Phalloidin for fluorescence imaging and other fluorescence-based biochemical analysis.
Storage Buffer	DMSO
Storage Instruction	Store the product in desiccated environment at -20°C and avoid from light.
Note	Maximum Excitation/Emission wavelength: 401/420 nm Maximum Excitation/Emission wavelength: 401/420 nm

Applications

- Conjugation
- Flow Cytometry

Publication Reference

- [Macrophage Cell Coinfected with HIV-1 and H37Ra.](#)

Larson EC, Pond CD, Szaniawski MA, Martins LJ, Planelles V, Barrows LR.

AIDS Research and Human Retroviruses 2016 Dec; 32(12):1171.

Application: IF, Human, Macrophage cell line THP-1