

## APC-iFluor™ 740 Tandem

Catalog Number: 2635

Unit Size: 1 mg

### Product Details

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Storage Conditions	Refrigerated (2-8 °C), Minimize light exposure,
Expiration Date	6 months upon receiving

### Chemical Properties

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Appearance	Solid
Molecular Weight	N/A
Soluble In	Water

### Spectral Properties

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Excitation Wavelength	N/A
Emission Wavelength	N/A

### Applications

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Tandem dyes are a unique class of fluorescent molecules that consist of two different covalently linked fluorophores, a donor (e.g. PE or APC) and a longer-wavelength emitting fluorescence acceptor (e.g. Texas Red, Cy5, Cy7, iFluor™ 594 or iFluor™ 750). APC-iFluor™ 740 is a new unique tandem color for multicolor applications, in particular, for designing spectral flow cytometric panels. It has been validated with Cytex's Aurora flow cytometer. Its primary absorption peak is at 651 nm with emission peak at ~767 nm. It is one of the brightest NIR fluorophores with a unique spectral profile that can be used with flow cytometry and fluorescence imaging applications.