

Phalloidins Alexa Fluor conjugated

Cat. N°	Description	Ex/Em(nm)	Size	Price	Offer Price
PP-10052	<u>Phalloidin Alexa Fluor 488 conj.</u>	490nm/515nm	300 U	€ 200	€ 160
PP-10053	<u>Phalloidin Alexa Fluor 555 conj.</u>	555nm/565nm	300 U	€ 200	€ 160
PP-10055	<u>Phalloidin Alexa Fluor 594 conj.</u>	593nm/614 nm	300 U	€ 200	€ 160
PP-10057	<u>Phalloidin Alexa Fluor 647 conj.</u>	650nm/665nm	300 U	€ 200	€ 160
PP-10059	<u>Phalloidin TRITC conj.</u>	540~546nm/565~575nm	300 U	€ 200	€ 160

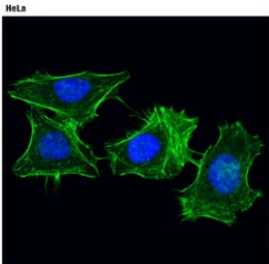
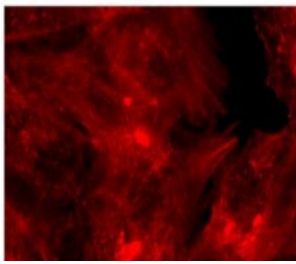
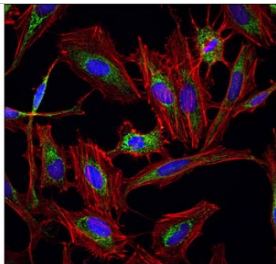
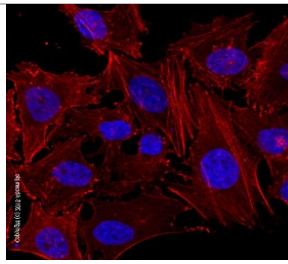
Applications

- Preparation of fluorescent actin filaments in vitro
- Fluorescent staining of fixed cells and frozen tissues
- Compatible with super-resolution microscopy, confocal microscopy, STORM,

Background:

Phalloidin is a seven amino acid peptide toxin from the mushroom *Amanita phalloides*, which binds specifically and with high affinity (Kd 20 nM) to the polymerized form of actin (F-actin). Phalloidin lowers the critical concentration of actin polymerization to less than 1 µg/ml, thereby acting as a polymerization enhancer.

Phalloidin conjugates are commonly used in fluorescence imaging to selectively stain F-actin across a range of sample types, including fixed cells, tissue sections, and cell-free systems

Phalloidin Alexa Fluor 488 conj.	Phalloidin Alexa Fluor 555 conj	Phalloidin-Alexa Fluor 594 conj.	Phalloidin-Alexa Fluor 647 conj.
 <p>Confocal immunofluorescent analysis of HeLa cells using</p>	 <p>Fluorescence staining HepG2 cells formalin fixed</p>	 <p>Confocal immunofluorescent analysis of HeLa cells Actin filaments staining in HeLa cells. Actin filaments (red).</p>	 <p>Actin filaments staining in HeLa cells. Actin filaments (red).</p>