

Interchim Innovations

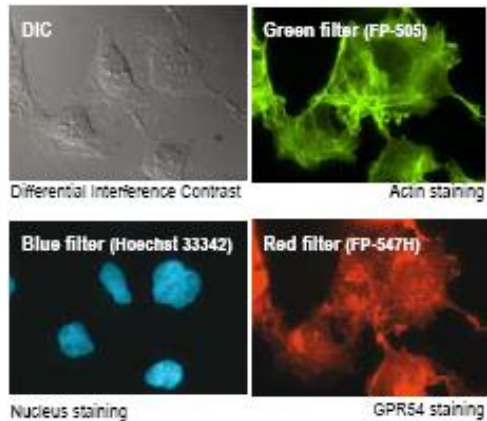
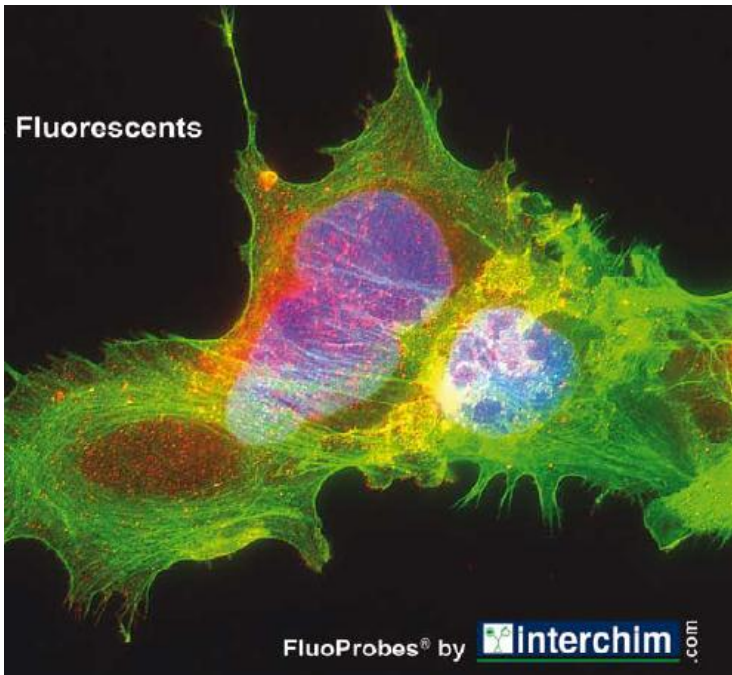
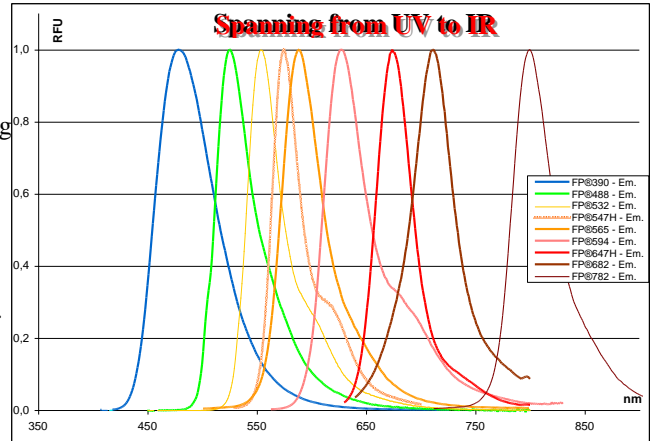
Interbiotech - BioScience Innovations

H10E

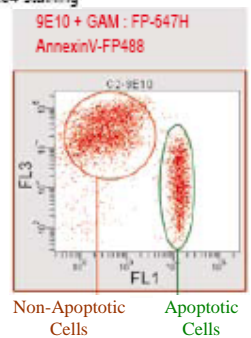
FluoProbes Labeling agents

Fluoprobes® dyes are designed for labeling biomolecules in advanced fluorescent detection techniques. Applications include multiple labeling, FRET, Quenching, polarisation anisotropy fluorescence, and life time resolved fluorescence, with protein as well as with nucleic acids. Fluoprobes® fluorophores are available as different derivatives for conjugation with conventional chemistry methods.

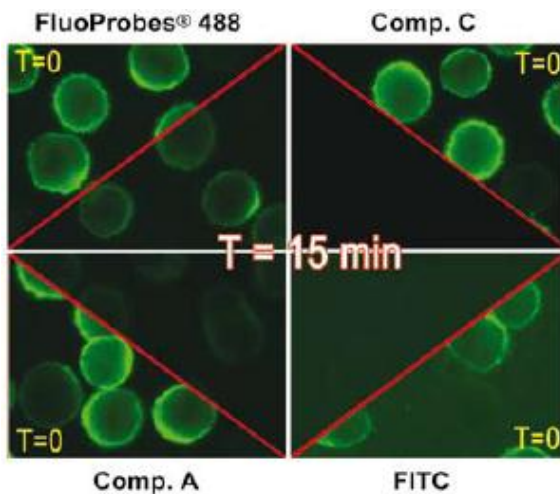
[More on our most popularly used FluoProbes dyes](#) i.e. FP390, FP488, FP547H, FP594, FP647H, and FP752, and FPXXL.



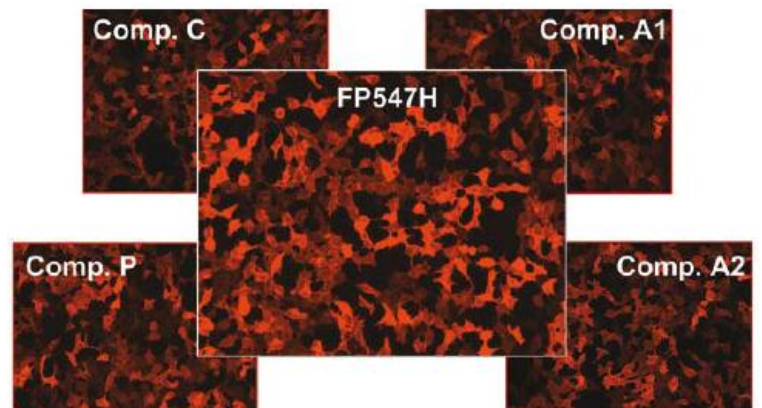
MultiPlex detections



Unrivaled PhotoStability



Exceptionnal Brightness



NEW: [FluoProbes Lightning-Link Kits](#): label proteins in 30 seconds!

Selected Great FluoProbes labels

cat.number	MW [±] (g·mol ⁻¹)	λ _{exc} /λ _{em} max. (nm)	mol. abs. (M ⁻¹ cm ⁻¹)	Comments
FluoProbes® 390	343.4	390 / 479	24 000	Bright blue fluorescence
More information				Large stock's shift A good alternative to AMCA
FluoProbes® 488	804	493 / 519	85 000	Bright green fluorescence with standard filters for FITC
More information				pH-independent fluorescence between pH 5 and 9 Ultimate photostability, hence minimal fading Alternative to FITC, Cy2, A488. Ideal for confocal microscopy, but suits also any other microscopy or technique including microplate readers and FCM.
FluoProbes® 532	765	532 / 553	115 000	Compatible with standard filters for A532
More information				Very bright Ideal using the frequency-doubled Nd:YAG laser.
FluoProbes® 547H	735.8	557 / 574	150 000	Orange fluorescence - Compatible with standard filters for Cy [™] 3, A546, Rhodamine TRITC
More information				High brightness
FluoProbes® 565	611	563 / 592	120 000	Compatible with standard filters for A568
More information				
FluoProbes® 594	1078	591 / 617	92 000	Bright red fluorescence, compatible with standard filters for TR
More information				Out-performs SR101/TR
FluoProbes® 647H	761.3	652 / 673	250 000	Far red fluorescence
More information				Compatible with standard filters for Cy [™] 5, A647 High brightness
FluoProbes® 682	853	690 / 709	140 000	Bright IR fluorescence – enhanced solubility
More information				Compatible with standard filters for Cy5.5, IRD700, A680
FluoProbes® 752	879	748 / 772	270 000	IR fluorescence - Compatible with standard filters for Cy [™]
More information				Oligo labeled with FluoProbes®752 out performs the expensive dye previously used dyes
FluoProbes® 782	976.1	783 / 800	170 000	Double negatively charged
More information				Soluble in MetOH, EtOH,; DMF, DMSO
FluoProbes® 782	976.1	783 / 800	170 000	Extra Long stock's shift. Alternative to RPE with a small size. See other FluoProbes® XXL(long stock's shift)
More information				
Other remarkable FluoProbes dyes	FP415 (blue), FP465A (blue/green), FP505 (green/yellow), FP532A (Orange), FP565A(Oranged), FP@633A(red)			

Standard and improved fluorescent agents and kits

Fluorophore standard agent ☞ linker or reactivity ☐ Convenient Kit	Cat. #	Great FluoProbes® alternative ☒ Improved fluoresce.
AMCA	-	☒ FP390A-NHS FP-BS5620
☒ AMCA-X-SE	FP-84695A, 10mg	
☒ Cy3-NHS	BB7493 , 1mg	☒ FP488-NHS FP-BA6800
FITC	FP-01739K, 100mg	
☐ FITC labeling kit-NH₂	BT9511 , 1kit (2x10-200µg)	☐ FP488-Lab Kit FP-BE3750
☒ FAM-X-NHS (SFX-SE)	FP-M1299A, 5mg,	
☒ HCF-NHS (HEX-SE)	FP-AM574A, 10mg	
☒ TCHF-NHS (TET-SE)	FP-AM575A, 10mg	
☒ FTSC (reactive with ketones)	FP-47552A, 25mg	
☒ APTS (glycoprotein or sugar labeling)	FP-33972A, 5mg	☒ FP488-Hydrazide
☒☒ CFDA-NHS (CFSE)	FP-52493A, 25mg	☒ FP505-NHS FP-BC2940
TRITC	FP-06276A, 5mg	☒ FP647H-NHS FP-BZ8810
☒ Cy5-NHS	BB2073 , 1mg	☒ FP647H-NHS FP-BZ8810
☒ TAMRA-NHS (TAMRA-SE)	FP-52498A, 10mg	☒ FP547H-NHS FP-BX8920
☒ TAMRA-X-SE	FP-33406A, 10mg	
SR101-IC (TR)	FP-AM574A, 10mg	☒ FP594-NHS FP-FO3340
☒ SR101-PEG-SE (hydrophilic)	FP-AM409A, 5mg	☐ SR101 Lab.kit FP-BC2940
Cy5.5-NHS	FP-FZ8750, 5mg	☒ FP647H-NHS FP-BZ8810
R-PE	FP-28310A, 5mg	☒ FP520XL-NHS FP-BZ8810

[Prices and technical sheets on-line](#)

Related products/documents

[Products HighLights Overview](#), including:

[FluoLids dyes labeling](#) – , the solid fluorescence technology

[Remarkable conjugation tools](#): PEO crosslinkers (hydrophilic spacers), Hydrazone chemistry (flexible method using stable activation step), Click Chemistry & Staudinger ligation (versatile and mild conjugation), Multifunctional cross-linkers, Boronic acid (modifying saccharides)

[Dialysis and Desalting tools](#) – CelluSep tubings, SpectraPor tubings, GebaFlex, FloatALyser, SlideALyser,...

Information inquire

Reply by Fax : +33 (0) 4 70 03 82 60 or email at interbiotech@interchim.com

I wish to receive the complete documentation about: _____

Name: _____ 2nd name: _____ Position: _____

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Zip code: _____ Town: _____

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