



BioActs • Better image than you've ever

Flamma™ P

New Fluorescent Probe



Highly Stable/Reactive in Water
Stable in a Wide Range of pH/Temperature

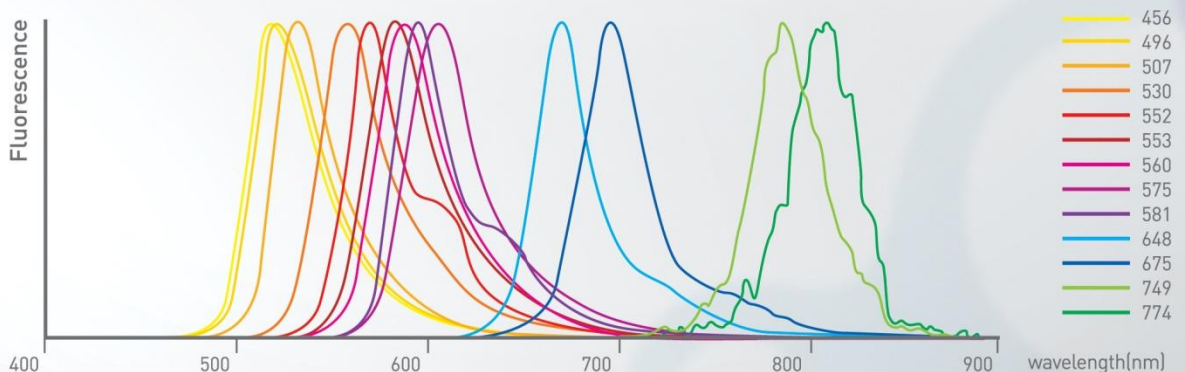
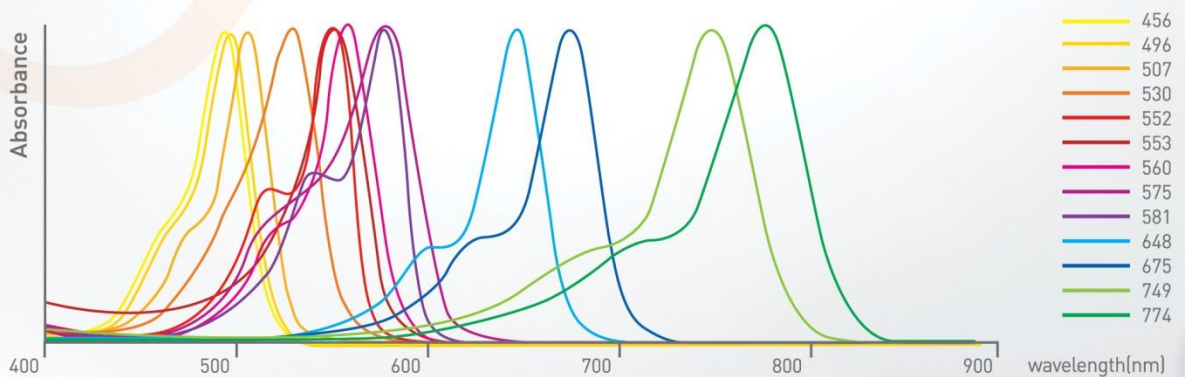
Flamma™ P

New Fluorescent Probe

- FPG - 456 [495/521]
- FPG - 496 [494/523]
- FPG - 507 [507/532]
- FPG - 530 [530/558]
- FPR - 552 [551/570]
- FPR - 553 [554/584]
- FPR - 560 [560/589]
- FPR - 575 [578/606]
- FPR - 581 [578/595]
- FPR - 648 [648/672]
- FPR - 675 [675/698]
- FPI - 749 [750/789]
- FPI - 774 [777/812]



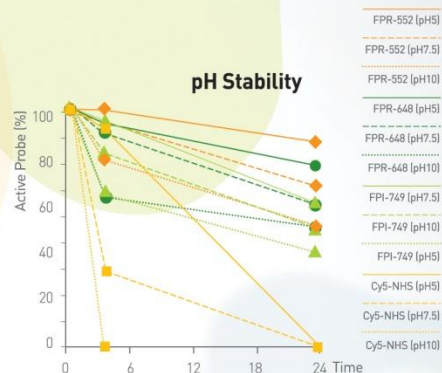
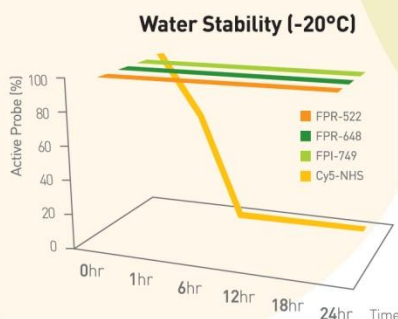
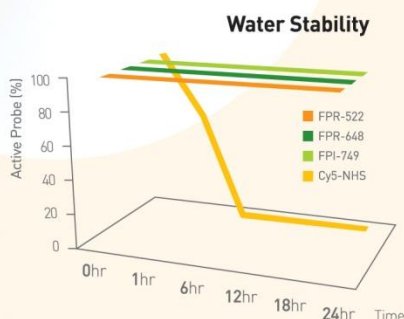
Flamma™ Fluors P Series, was synthesized for staining diverse biomolecules. Photophysical characteristics relevant to applications in bio imaging were analyzed in detail. Their emission spectrum range covers from 550 nm to 800nm and they are highly pure, water soluble, pH insensitive, temperature stable, photostable, and reactive in both aqueous / organic conditions. These labeling reagents retain a unique binding site and can be readily conjugated to amino, hydroxyl, and thiol groups. Therefore, they enable facile staining of biomaterials missing amine or thiol groups such as carbohydrates. Moreover, via michael addition reaction, they do not leave by-products like N-hydroxysuccinide during conjugation.



Getting tired of making DMSO stock?

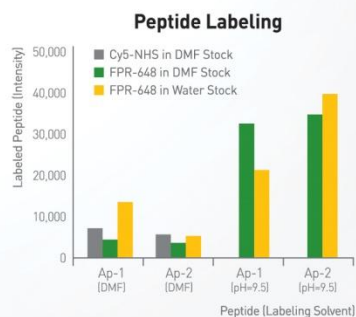
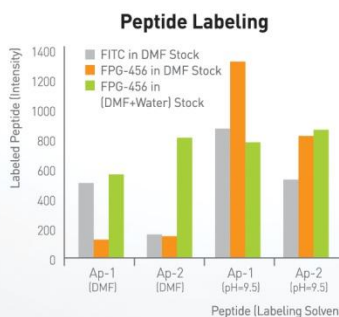
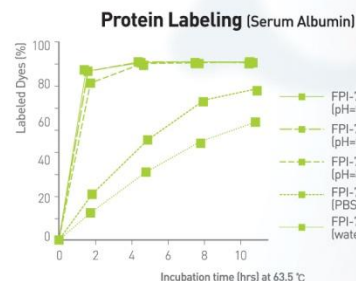
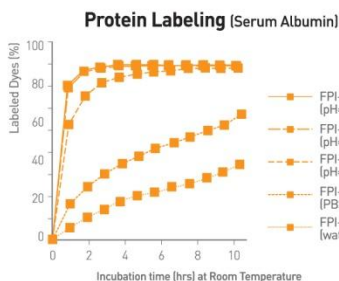
Highly Stable in Water

Stable in a Wide Range of pH/Temperature

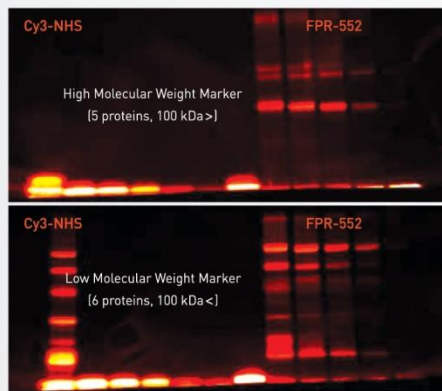
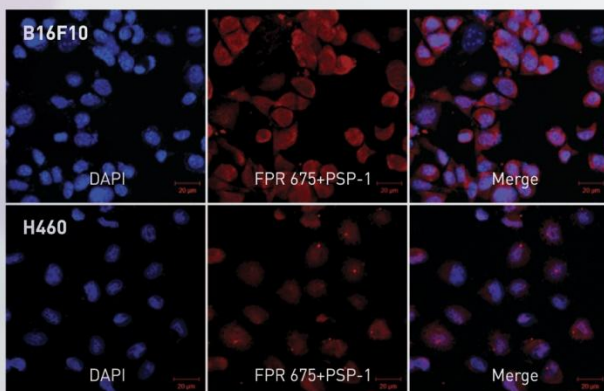


Highly Reactive in Water

Flamma™ Fluors P Series are highly reactive and stable pre-activated fluorescent dyes. Their unique reactive group enables fast conjugation with most of biomolecules such as proteins, sugars, antibodies, nucleotides, and etc by targeting amino, hydroxyl, and thiol groups without leaving by-products behind. These fluorescent molecules are very stable in a wide range of light, pH, and temperature, and extremely active/stable in aqueous solutions, so that researchers can efficiently use them for long-term experiments. Flamma™ P Series can easily replace commonly used fluorescent dyes with NHS or maleimide without changing your experiment protocols.

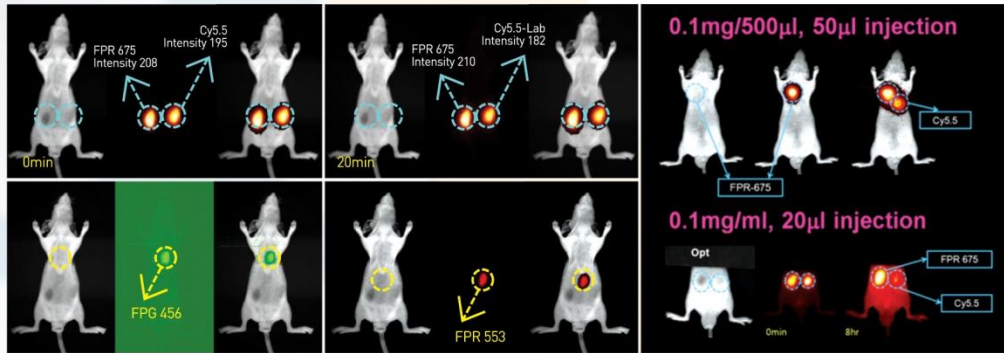


Organic Solvent Free for Your Cell Culture and Gel Electrophoresis

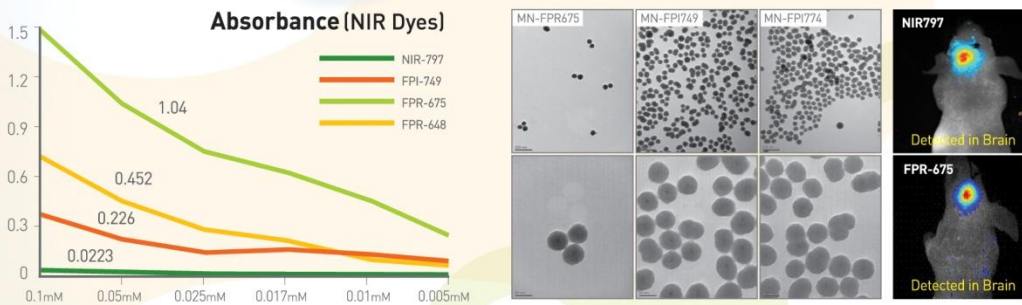


Got Dyes?

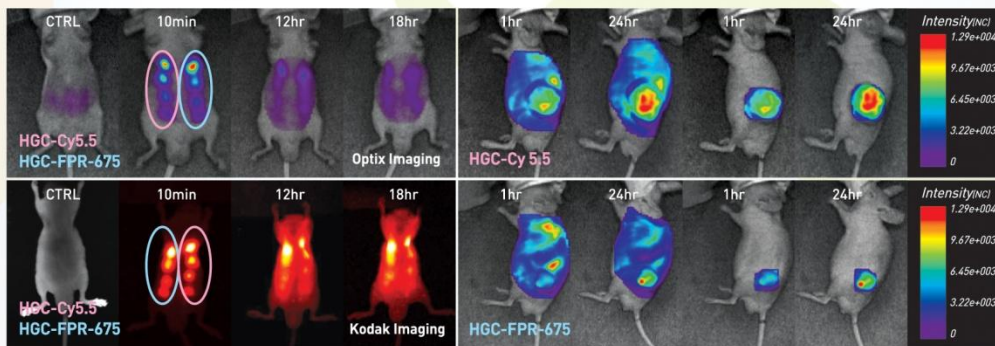
○ Near IR Flamma™ P Probes with enhanced stability and reactivity



○ For High-Tech Imaging Product Developers



○ For Evaluating New Drug's Efficacy



○ For Cancer Tracker Researchers

