

Applied BioProbes

Andy Fluor™ 染料系列

— 超越传统，让您尽享荧光的艺术

GeneCopoeia™
Expressway to Discovery

新一代染料 Andy Fluor™ 系列

Applied BioProbes 公司最新推出的 Andy Fluor™ 系列染料，涵盖了从近紫外光、可见光，到近红外光谱的一系列荧光染料，其代表了在荧光标记试剂发展的一个突破，作为新一代明星染料，Andy Fluor™ 及其标记物能为您解决荧光染色常见的问题。

Applied BioProbes 公司提供多种 Andy Fluor™ 染料系列产品，适用于各种研究应用：



了解更多 Andy Fluor™ 产品信息，请登录：www.igenebio.com

传统染料的缺点	Andy Fluor™ 系列染料解决方案
当多种染料结合于蛋白或小分子时，FITC 等传统荧光染料会产生碰撞性淬灭 (Collisional Quenching)	Andy Fluor™ 可以让更多的荧光物质结合在蛋白（抗体）上，没有传统染料常见的自身淬灭作用
在激发光源下，荧光信号淬灭过快	耐光淬灭性更强
FITC 荧光易在弱酸环境下淬灭	对 pH 值变化不敏感
传统荧光染料水溶性差	Andy Fluor™ 水溶性好

Andy Fluor™ 为您提供最优越的选择 超越传统一般荧光染料!

- 多颜色选择 — Andy Fluor™ 染料颜色选择光谱广，为多色荧光检测提供更多的选择；
- 荧光亮度强 — Andy Fluor™ 的荧光强度明显高于其他近似波长的染料；
- 光稳定性高 — Andy Fluor™ 染料耐光淬灭性更强，可以从样品中获取更多信号；
- 仪器兼容性 — Andy Fluor™ 的吸收光谱与常用激发光源的激发波长相匹配，可直接取代传统荧光染料；
- pH 值不敏感 — Andy Fluor™ 的荧光强度可以在 pH 4~10 变化环境中仍保持极高水准；
- 性价比高 — Andy Fluor™ 标记二抗稀释度高，用量少，单次反应花费成本低。

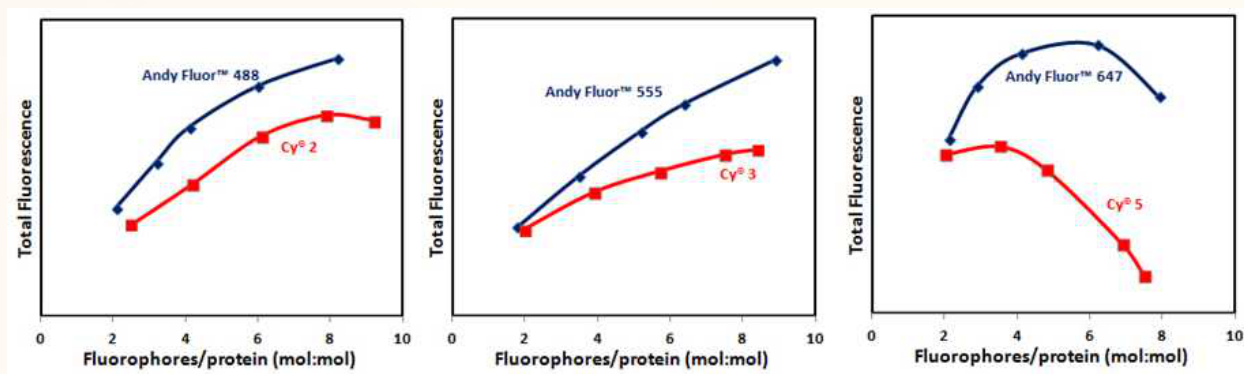


图 1. Andy Fluor™ 羊抗兔二抗耦合物与 Cy® 羊抗兔二抗耦合物荧光强度的比较

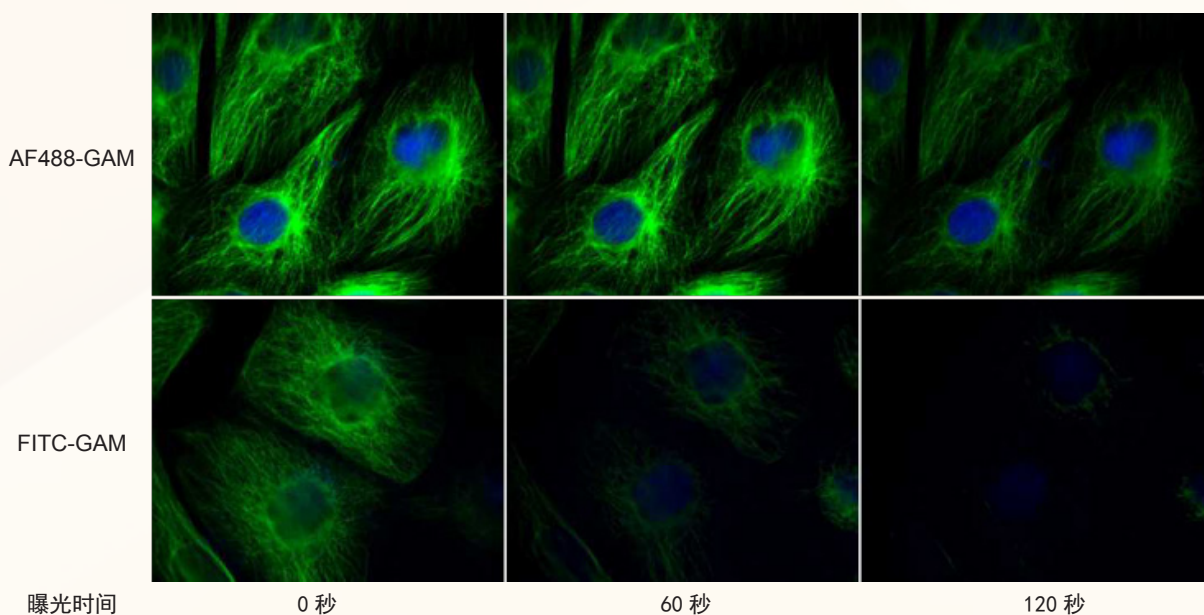


图 2. Andy Fluor™ 488- 羊抗鼠二抗和 FITC- 羊抗鼠二抗耦合物荧光稳定性的比较

Andy Fluor™ 标记二抗选购指南

产品名称	Ex/Em (nm)	货号	规格	价格
Andy Fluor™ 350 Goat Anti-Mouse IgG (H+L) Antibody	345/440	L100A	100 µg	300
Andy Fluor™ 350 Goat Anti-Mouse IgG (H+L) Antibody	345/440	L100B	500 µg	600
Andy Fluor™ 350 Goat Anti-Rabbit IgG (H+L) Antibody	345/440	L101A	100 µg	300
Andy Fluor™ 350 Goat Anti-Rabbit IgG (H+L) Antibody	345/440	L101B	500 µg	600
Andy Fluor™ 350 Goat Anti-Human IgG (H+L) Antibody	345/440	L102A	100 µg	300
Andy Fluor™ 350 Goat Anti-Human IgG (H+L) Antibody	345/440	L102B	500 µg	600
Andy Fluor™ 405M Goat Anti-Mouse IgG (H+L) Antibody	405/450	L103A	100 µg	300
Andy Fluor™ 405M Goat Anti-Mouse IgG (H+L) Antibody	405/450	L103B	500 µg	600
Andy Fluor™ 405M Goat Anti-Rabbit IgG (H+L) Antibody	405/450	L104A	100 µg	300
Andy Fluor™ 405M Goat Anti-Rabbit IgG (H+L) Antibody	405/450	L104B	500 µg	600
Andy Fluor™ 405M Goat Anti-Human IgG (H+L) Antibody	405/450	L105A	100 µg	300
Andy Fluor™ 405M Goat Anti-Human IgG (H+L) Antibody	405/450	L105B	500 µg	600
Andy Fluor™ 430 Goat Anti-Mouse IgG (H+L) Antibody	430/540	L106A	100 µg	300
Andy Fluor™ 430 Goat Anti-Mouse IgG (H+L) Antibody	430/540	L106B	500 µg	600
Andy Fluor™ 430 Goat Anti-Rabbit IgG (H+L) Antibody	430/540	L107A	100 µg	300
Andy Fluor™ 430 Goat Anti-Rabbit IgG (H+L) Antibody	430/540	L107B	500 µg	600
Andy Fluor™ 430 Goat Anti-Human IgG (H+L) Antibody	430/540	L108A	100 µg	300
Andy Fluor™ 430 Goat Anti-Human IgG (H+L) Antibody	430/540	L108B	500 µg	600
Andy Fluor™ 488 Goat Anti-Mouse IgG (H+L) Antibody	495/520	L109A	100 µg	300
Andy Fluor™ 488 Goat Anti-Mouse IgG (H+L) Antibody	495/520	L109B	500 µg	600
Andy Fluor™ 488 Goat Anti-Rabbit IgG (H+L) Antibody	495/520	L110A	100 µg	300
Andy Fluor™ 488 Goat Anti-Rabbit IgG (H+L) Antibody	495/520	L110B	500 µg	600
Andy Fluor™ 488 Goat Anti-Human IgG (H+L) Antibody	495/520	L111A	100 µg	300
Andy Fluor™ 488 Goat Anti-Human IgG (H+L) Antibody	495/520	L111B	500 µg	600
Andy Fluor™ 488 Rabbit Anti-Goat IgG (H+L) Antibody	495/520	L112A	100 µg	350
Andy Fluor™ 488 Rabbit Anti-Goat IgG (H+L) Antibody	495/520	L112B	500 µg	700
Andy Fluor™ 555 Goat Anti-Mouse IgG (H+L) Antibody	553/565	L113A	100 µg	300
Andy Fluor™ 555 Goat Anti-Mouse IgG (H+L) Antibody	553/565	L113B	500 µg	600
Andy Fluor™ 555 Goat Anti-Rabbit IgG (H+L) Antibody	553/565	L114A	100 µg	300
Andy Fluor™ 555 Goat Anti-Rabbit IgG (H+L) Antibody	553/565	L114B	500 µg	600
Andy Fluor™ 555 Goat Anti-Human IgG (H+L) Antibody	553/565	L115A	100 µg	300
Andy Fluor™ 555 Goat Anti-Human IgG (H+L) Antibody	553/565	L115B	500 µg	600

Andy Fluor™ 标记二抗选购指南

产品名称	Ex/Em (nm)	货号	规格	价格
Andy Fluor™ 568 Goat Anti-Mouse IgG (H+L) Antibody	578/605	L116A	100 µg	300
Andy Fluor™ 568 Goat Anti-Mouse IgG (H+L) Antibody	578/605	L116B	500 µg	600
Andy Fluor™ 568 Goat Anti-Rabbit IgG (H+L) Antibody	578/605	L117A	100 µg	300
Andy Fluor™ 568 Goat Anti-Rabbit IgG (H+L) Antibody	578/605	L117B	500 µg	600
Andy Fluor™ 568 Goat Anti-Human IgG (H+L) Antibody	578/605	L118A	100 µg	300
Andy Fluor™ 568 Goat Anti-Human IgG (H+L) Antibody	578/605	L118B	500 µg	600
Andy Fluor™ 594 Goat Anti-Mouse IgG (H+L) Antibody	590/615	L119A	100 µg	300
Andy Fluor™ 594 Goat Anti-Mouse IgG (H+L) Antibody	590/615	L119B	500 µg	600
Andy Fluor™ 594 Goat Anti-Rabbit IgG (H+L) Antibody	590/615	L120A	100 µg	300
Andy Fluor™ 594 Goat Anti-Rabbit IgG (H+L) Antibody	590/615	L120B	500 µg	600
Andy Fluor™ 594 Goat Anti-Human IgG (H+L) Antibody	590/615	L121A	100 µg	300
Andy Fluor™ 594 Goat Anti-Human IgG (H+L) Antibody	590/615	L121B	500 µg	600
Andy Fluor™ 647 Goat Anti-Mouse IgG (H+L) Antibody	650/665	L125A	100 µg	300
Andy Fluor™ 647 Goat Anti-Mouse IgG (H+L) Antibody	650/665	L125B	500 µg	600
Andy Fluor™ 647 Goat Anti-Rabbit IgG (H+L) Antibody	650/665	L126A	100 µg	300
Andy Fluor™ 647 Goat Anti-Rabbit IgG (H+L) Antibody	650/665	L126B	500 µg	600
Andy Fluor™ 647 Goat Anti-Human IgG (H+L) Antibody	650/665	L127A	100 µg	300
Andy Fluor™ 647 Goat Anti-Human IgG (H+L) Antibody	650/665	L127B	500 µg	600
Andy Fluor™ 680 Goat Anti-Mouse IgG (H+L) Antibody:	680/700	L128A	100 µg	300
Andy Fluor™ 680 Goat Anti-Mouse IgG (H+L) Antibody:	680/700	L128B	500 µg	600
Andy Fluor™ 680 Goat Anti-Rabbit IgG (H+L) Antibody	680/700	L129A	100 µg	300
Andy Fluor™ 680 Goat Anti-Rabbit IgG (H+L) Antibody	680/700	L129B	500 µg	600
Andy Fluor™ 680 Goat Anti-Human IgG (H+L) Antibody	680/700	L130A	100 µg	300
Andy Fluor™ 680 Goat Anti-Human IgG (H+L) Antibody	680/700	L130B	500 µg	600
Andy Fluor™ 750 Goat Anti-Mouse IgG (H+L) Antibody	750/770	L131A	100 µg	300
Andy Fluor™ 750 Goat Anti-Mouse IgG (H+L) Antibody	750/770	L131B	500 µg	600
Andy Fluor™ 750 Goat Anti-Rabbit IgG (H+L) Antibody	750/770	L132A	100 µg	300
Andy Fluor™ 750 Goat Anti-Rabbit IgG (H+L) Antibody	750/770	L132A	500 µg	600
Andy Fluor™ 750 Goat Anti-Human IgG (H+L) Antibody	750/770	L133A	100 µg	300
Andy Fluor™ 750 Goat Anti-Human IgG (H+L) Antibody	750/770	L133B	500 µg	600
Andy Fluor™ 750 Goat Anti-Human IgG (H+L) Antibody	750/770	L133B	500 µg	600

Cy® 标记二抗选购指南

产品名称	Ex/Em (nm)	货号	规格	价格
Cy3 Goat Anti-Mouse IgG (H+L) Antibody	550/565	L134A	100 µg	300
Cy3 Goat Anti-Mouse IgG (H+L) Antibody	550/565	L134B	500 µg	600
Cy3 Goat Anti-Rabbit IgG (H+L) Antibody	550/565	L135A	100 µg	300
Cy3 Goat Anti-Rabbit IgG (H+L) Antibody	550/565	L135B	500 µg	600
Cy3 Goat Anti-Human IgG (H+L) Antibody	550/565	L136A	100 µg	300
Cy3 Goat Anti-Human IgG (H+L) Antibody	550/565	L136B	500 µg	600
Cy5 Goat Anti-Mouse IgG (H+L) Antibody	650/667	L137A	100 µg	300
Cy5 Goat Anti-Mouse IgG (H+L) Antibody	650/667	L137B	500 µg	600
Cy5 Goat Anti-Rabbit IgG (H+L) Antibody	650/667	L138A	100 µg	300
Cy5 Goat Anti-Rabbit IgG (H+L) Antibody	650/667	L138B	500 µg	600
Cy5 Goat Anti-Human IgG (H+L) Antibody	650/667	L139A	100 µg	300
Cy5 Goat Anti-Human IgG (H+L) Antibody	650/667	L139B	500 µg	600
Cy5.5 Goat Anti-Mouse IgG (H+L) Antibody	680/700	L140A	100 µg	300
Cy5.5 Goat Anti-Mouse IgG (H+L) Antibody	680/700	L140B	500 µg	600
Cy5.5 Goat Anti-Rabbit IgG (H+L) Antibody	680/700	L141A	100 µg	300
Cy5.5 Goat Anti-Rabbit IgG (H+L) Antibody	680/700	L141B	500 µg	600
Cy5.5 Goat Anti-Human IgG (H+L) Antibody	680/700	L142A	100 µg	300
Cy5.5 Goat Anti-Human IgG (H+L) Antibody	680/700	L142B	500 µg	600
Cy7 Goat Anti-Mouse IgG (H+L) Antibody	750/770	L143A	100 µg	300
Cy7 Goat Anti-Mouse IgG (H+L) Antibody	750/770	L143B	500 µg	600
Cy7 Goat Anti-Rabbit IgG (H+L) Antibody	750/770	L144A	100 µg	300
Cy7 Goat Anti-Rabbit IgG (H+L) Antibody	750/770	L144B	500 µg	600
Cy7 Goat Anti-Human IgG (H+L) Antibody	750/770	L145A	100 µg	300
Cy7 Goat Anti-Human IgG (H+L) Antibody	750/770	L145B	500 µg	600

FITC 标记二抗选购指南

产品名称	Ex/Em (nm)	货号	规格	价格
FITC Goat Anti-Mouse IgG (H+L) Antibody	495/518	L146A	100 µg	150
FITC Goat Anti-Mouse IgG (H+L) Antibody	495/518	L146B	500 µg	300
FITC Goat Anti-Rabbit IgG (H+L) Antibody	495/518	L147A	100 µg	150
FITC Goat Anti-Rabbit IgG (H+L) Antibody	495/518	L147B	500 µg	300
FITC Goat Anti-Human IgG (H+L) Antibody	495/518	L148A	100 µg	150
FITC Goat Anti-Human IgG (H+L) Antibody	495/518	L148B	500 µg	300

Biotin 标记二抗选购指南

产品名称	货号	规格	价格
Biotin Goat Anti-Mouse IgG (H+L) Antibody	L149A	100 µg	150
Biotin Goat Anti-Mouse IgG (H+L) Antibody	L149B	500 µg	300
Biotin Goat Anti-Rabbit IgG (H+L) Antibody	L150A	100 µg	150
Biotin Goat Anti-Rabbit IgG (H+L) Antibody	L150B	500 µg	300
Biotin Goat Anti-Human IgG (H+L) Antibody	L151A	100 µg	150
Biotin Goat Anti-Human IgG (H+L) Antibody	L151B	500 µg	300

HRP 标记二抗选购指南

产品名称	货号	规格	价格
HRP Goat Anti-Mouse IgG (H+L) Antibody	L152A	50 µg	200
HRP Goat Anti-Mouse IgG (H+L) Antibody	L152B	250 µg	400
HRP Goat Anti-Rabbit IgG (H+L) Antibody	L153A	50 µg	200
HRP Goat Anti-Rabbit IgG (H+L) Antibody	L153B	250 µg	400
HRP Goat Anti-Human IgG (H+L) Antibody	L154A	50 µg	200
HRP Goat Anti-Human IgG (H+L) Antibody	L154B	250 µg	400

Andy Fluor™ 标记链霉亲和素选购指南

产品名称	Ex/Em (nm)	货号	规格	价格
Andy Fluor™ 350 Streptavidin	345/440	L155A	100 µg	300
Andy Fluor™ 350 Streptavidin	345/440	L155B	500 µg	600
Andy Fluor™ 488 Streptavidin	495/520	L156A	100 µg	300
Andy Fluor™ 488 Streptavidin	495/520	L156B	500 µg	600
Andy Fluor™ 555 Streptavidin	553/565	L157A	100 µg	300
Andy Fluor™ 555 Streptavidin	553/565	L157B	500 µg	600
Andy Fluor™ 594 Streptavidin	590/615	L158A	100 µg	300
Andy Fluor™ 594 Streptavidin	590/615	L158B	500 µg	600
Andy Fluor™ 647 Streptavidin	650/665	L159A	100 µg	300
Andy Fluor™ 647 Streptavidin	650/665	L159B	500 µg	600
Cy®3 Streptavidin	555/567	L160A	100 µg	300
Cy®3 Streptavidin	555/567	L160B	500 µg	600
Cy®5 Streptavidin	650/665	L161A	100 µg	300
Cy®5 Streptavidin	650/665	L161B	500 µg	600

Andy Fluor™ 标记鬼笔环肽选购指南

产品名称	Ex/Em (nm)	货号	规格	价格
ActinBlue™ 350 stain	347/440	C051T	40 unit	800
ActinBlue™ 350 stain	347/440	C051	300 unit	2500
ActinGreen™ 488 stain	500/525	C052T	40 unit	800
ActinGreen™ 488 stain	500/525	C052	300 unit	2500
ActinOrange™ 555 stain	555/575	C053T	40 unit	800
ActinOrange™ 555 stain	555/575	C053	300 unit	2500
ActinRed™ 594 stain	590/614	C054T	40 unit	800
ActinRed™ 594 stain	590/614	C054	300 unit	2500
ActinFarRed™ 647 stain	650/665	C055T	40 unit	800
ActinFarRed™ 647 stain	650/665	C055	300 unit	2500

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