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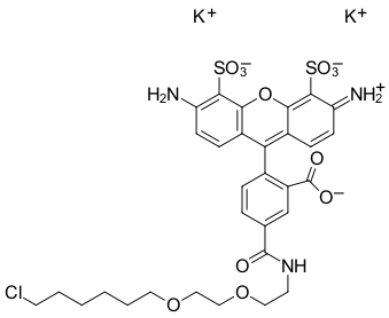
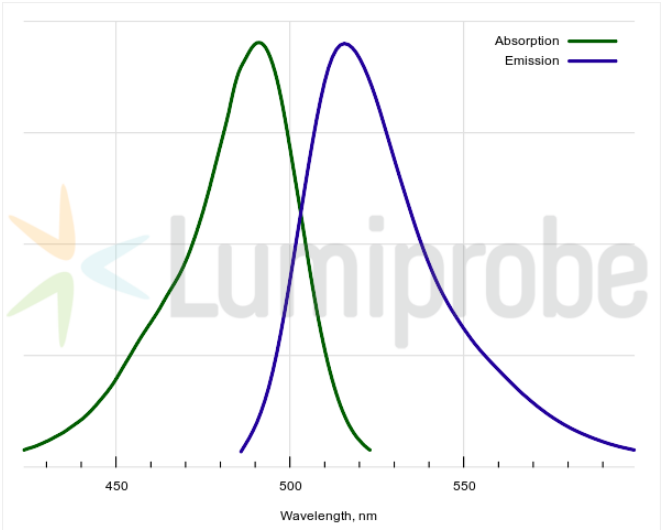
AF 488 HTag ligand

http://hk.lumiprobe.com/p/af-488-halotag-5

AF 488 HTag is a highly specific fluorescent ligand designed for the covalent and irreversible labeling of HaloTag® fusion proteins in live cells, cell lysates, and fixed samples.

The HaloTag® system is based on a genetically engineered bacterial haloalkane dehalogenase that forms a covalent bond with synthetic chloroalkane ligands, making it specific and rapid. AF 488 HTag conjugate contains a chloroalkane anchor linked to a bright AF 488 fluorophore. When added to cells or samples expressing a HaloTag® fusion protein, the substrate permeates the membrane and permanently binds to the target protein. The complete absence of cross-reactivity with endogenous mammalian proteins guarantees an exceptional signal-to-noise ratio.





外观:	
分子量:	816.39
分子式:	$C_{31}H_{32}ClK_2N_3O_{12}S_2$
溶解度:	二甲基亞砜、水
质量控制:	NMR ^1H 和 HPLC-MS (95+%)
储存条件:	收到後 -20°C 避光保存 24 個月。運輸：室溫最多可保存3週。乾燥。避免長時間暴露在光線下。
法律声明:	本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。

激发/吸收极大值，纳米:	495
ε, 摩尔吸光系数，cm^{-1}:	71800
发射极大值，纳米:	519
荧光量子产率:	0.91
CF_{260}:	0.16
CF_{280}:	0.10

HaloTag® 是 Promega Corporation 的註冊商標。