

Annexin V-AF 488 conjugate

<http://cn.lumiprobe.com/p/annexin-v-af488-fitc>

Annexin V (or Annexin A5) belongs to the phospholipid-binding Annexin family of intracellular proteins. In flow cytometry and fluorescent microscopy, Annexin V is commonly used to detect apoptotic cells by its ability to specifically bind to phosphatidylserine, which migrates from the inner to the outer leaflet of the plasma membrane during the early stages of apoptosis.

This Annexin V is a lyophilized conjugate with AF 488, a bright, photostable green fluorophore with spectral characteristics similar to FITC (absorption max. at 495 nm, emission max. at 519 nm).

Annexin V-AF 488 staining alone does not segregate the populations of apoptotic and necrotic cells. For this, additional staining with nuclear dyes that do not penetrate living cells — with [propidium iodide](#) or [YODi-3](#) is required. For this purpose, you can also use our ready-to-use [Annexin V-AF 488 apoptosis detection kit](#).

外观: 深橙色固体

溶解度: 水性好

储存条件: 运输: 常温下保存1周。 -20°C 保存 9 个月。

法律声明: 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。

激发/ 495

吸收
极大
值,
纳米:

ϵ , 摩
尔吸
光系
数 **ml** 71800

发射 519
极大
值,
纳米:

荧光
量子
产率: 0.91

CF_{260} : 0.16

CF_{280} : 0.10