

## Streptavidin (APC)

Cat. No. GTX85908

实验应用

ICC/IF, FCM

Package

500 µl

## 产品说明

## 摘要

Streptavidin is a 55 kDa (subunit MW 14 kDa) biotin-binding protein isolated from *Streptomyces avidinii*. Streptavidin is superior to avidin, because it does not contain carbohydrate like avidin and has no net charge at neutral pH. Streptavidin~biotin system is routinely used in Immunohistochemistry (IHC). Extinction Coefficient 1% A280=32.0; Protein content: > 95%. Allophycocyanin is a protein from the light-harvesting phycobiliprotein family, along with phycocyanin, phycoerythrin and phycoerythrocyanin. It is an accessory pigment to chlorophyll. Allophycocyanin absorbs and emits red light (650 & 660nm max, respectively), and is readily found in Cyanobacteria (also called blue-green algae), and red algae. Phycobilin pigments have fluorescent properties that are used in immunoassay kits. Allophycocyanin can be isolated from various species of red or blue-green algae, each producing slightly different forms of the molecule. It is composed of two different subunits ( $\alpha$  and  $\beta$ ) in which each subunit has one phycocyanobilin (PCB) chromophore. The subunit structure for APC has been determined as ( $\alpha\beta$ )<sub>3</sub>. The molecular weight of APC is 105,000 Daltons. Absorption max: 652 nm, additional adsorption 625 nm, Emission max. 657.5 nm, Extinction Coefficient: 2.4 1 (mg/ml), A650/A280=4, A650/A620=1.25.

## 实验应用

## 应用说明

\*最佳稀释倍数与浓度应由研究人员确认

## Suggested dilution

## Recommended dilution

ICC/IF

Assay dependent

FCM

Assay dependent

以下为常规应用缩写的中文注解

WB: 免疫印迹

ICC/IF: 细胞染色

IHC-P: 石蜡切片

IHC-Fr: 冰冻切片

## 属性

形式

Liquid

存储溶液

10mM Phosphate, 150mM NaCl, 1% BSA

保存剂

0.05% Sodium azide

存放说明

Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. Protect from light.

偶联

Allophycocyanin (APC) [Wavelength](#)

注意事项

仅供实验室使用。不适用于人类或动物的任何临床、治疗或诊断用途。不适合动物或人类食用。



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