

## PerCP Conjugation Kit

Cat No: BLOK1968

### Description

PerCP (Pyropheyllin-Chlorophyll-Protein Complex) is a new type of fluorescent labeling reagent commonly used at present, with a maximum excitation wavelength of 472nm and a maximum emission wavelength of 677nm. It is used for multi-label flow technology and biochip detection. It has stable properties: Fluorescence quantum yield is high, background interference is small, and it is easy to cross-link with biotin antibodies and glycoproteins. As a new generation of fluorescent probes, it can replace isotopes and enzymes in clinical diagnosis, immunology, molecular biology as a marker.

Biotyscience's PerCP antibody labeling kit is used for rapid labeling of PerCP and antibodies. The labeling can be completed within 4 hours. It is easy to operate, at least 100ug of antibody can be labeled, 100% of the sample is recovered, and the labeled product is stable between batches and has good repeatability.

### PRODUCT INFORMATION

组分	100ug	500ug	1mg	Preservation conditions
Lightning-Link label (Lyophilized)	1 支	1 支	1 支	-20℃，避光
LL-Modifier reagent	100ul	100ul	150ul	-20℃，避光
LL-Quencher reagent	100ul	100ul	150ul	-20℃，避光

Antibody is in liquid state, dissolved in 1×PBS, concentration 1mg/ml.

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Note: If necessary, the antibody needs to be dialyzed again or passed through a desalting column for accurate protein quantification.

## Steps

1. 按照比例: 100ul 抗体 (100ug) 加入 10ul LL-Modifier, 混匀。
2. 混合后的抗体加入对应标记量的 Lightning-Link label 干粉中, 室温避光反应 3h 或者过夜。
3. 按照比例: 100ul 抗体 (100ug) 加入 10ul LL-Quencher, 混匀, 反应 30min 后完成标记。
4. 2-8°C避光保存, 不要冻存。抗体可以直接使用, 无需再添加其他成分。

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