

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

Components	100ug	500ug	1mg	Preservation conditions
Lightning-Link label (Lyophilized)	1 vial	1 vial	1 vial	-20℃, Protect from light
LL-Modifier reagent	100ul	100ul	150ul	-20℃, Protect from light
LL-Quencher reagent	100ul	100ul	150ul	-20℃, Protect from light

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. According to the ratio: add 100ul antibody (100ug) to 10ul LL-Modifier and mix well.
2. Add the mixed antibody to the corresponding labeled amount of Lightning-Link label dry powder, and react at room temperature for 3 hours or overnight in the dark.
3. According to the ratio: add 100ul antibody (100ug) to 10ulLL-Quencher, mix well, and complete the labeling after reaction for 30min.
4. Store at 2-8°C in the dark, do not freeze. The antibody can be used directly without adding other ingredients.

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