

水溶性Cy7

货号: PMK0914

保存: -20°C干燥避光保存, 有效期12个月。

规格: 5mg

用途: 广泛用于蛋白、抗体、核酸及其他生物分子的标记和检测

产品简介:

Cyanine dyes are a series of reactive fluorescent dyes that are widely used for labeling peptides, proteins, nucleotides and nucleic acids. Cyanine dyes are a single family of bright fluorescent signals with good water-solubility. Unlike fluoresceins and hydroxycoumarins, their excitations and emissions are pH-independent. Among the cyanine dyes, Cyanine 3 dyes have fluorescence enhanced upon conjugating to proteins while other cyanine have fluorescence reduced due to the quenching effect of electron-rich amino acids (such as Trp, His and Tyr etc) in proteins.

In general, the Cyanine dyes have the following features:

Good water solubility enables labeling reactions conveniently run in aqueous media without using organic solvents (such as DMF or DMSO) as co-solvent. Low non-specific binding of resultant conjugates facilitate the assay development Carbocyanine Dyes Amine-Reactive.

产品性质:

Properties	
Excitation maximum (nm)	747
Emission maximum (nm)	774
Extinction coefficient (M ⁻¹ cm ⁻¹)	200 000

产品说明书

相关产品：

PMK1300 考马斯亮蓝蛋白胶快速染色液

PMK053 GAPDH mAb-HRP conjugated

PMK0312 抗体稀释液

PMK1700 PBST缓冲液

PMK1020 IPTG 溶液 (50mg/ml)

PMK1010 30%丙烯酰胺 (29:1)

PMK1070 5×Tris-甘氨酸电泳缓冲液

PMK0012 SDS-PAGE 凝胶制备试剂盒



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