

Product Data Sheet

Product Name: APC-Cy5.5

Cat. No.: GC80395

Chemical Properties

Cas. No.

Formula

M.Wt

Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

APC-Cy5.5

Background

APC-Cy5.5 is a tandem dye widely used in flow cytometry. It consists of the energy donor allophycocyanin (APC) and the energy acceptor Cy5.5, and operates via the fluorescence

Caution: Product has not been fully validated for medical applications. For research use only.

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resonance energy transfer mechanism (Ex/Em = 650 nm/690 nm) [1].

In Vitro, APC-Cy5.5-conjugated isotype control antibody (0.5 µg/mL; 30 min) binds weakly to mDEC205-expressing CHO cells, and does not bind to hDEC205-expressing CHO cells^[1].

References:

[1]. Park CG, et al. PE-Cy5.5 conjugates bind to the cells expressing mouse DEC205/CD205. J Immunol Methods. 2012;384(1-2):184-190.

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