

## General Data

**Molecular Mass:** ~ 107 kDa (average)

**Form:** Supplied in 150 mM phosphate buffer pH 7.4 containing < 0.1% sodium azide

**Storage:** Store in absence of light at +4°C. Do not freeze.

## Description

- **Seta-APC-705** is a bright and photostable tandem conjugate of APC and a proprietary NIR squaraine rotaxane dye

## Applications

- Flow Cytometry
- Immunofluorescence

## Advantages

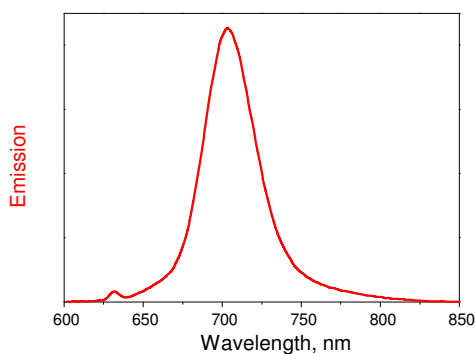
- Perfectly suited for excitation with the 633 nm diode laser
- Low unspecific staining

## Spectral Data

**Solvent System:** phosphate buffer pH 7.4

Sample	Absorption max. [nm]	Extinction Coefficient at 651 nm [M <sup>-1</sup> cm <sup>-1</sup> ]	Absorption max. [nm]	Extinction Coefficient at 701 nm [M <sup>-1</sup> cm <sup>-1</sup> ]	Emission <sup>1</sup> max. [nm]
Seta-APC-705	655	1.04 × 10 <sup>6</sup>	681	1.12 × 10 <sup>6</sup>	703

<sup>1</sup> Excitation at 633 nm



Emission spectrum of **Seta-APC-705** in phosphate buffer, pH 7.4 (Excitation at 633 nm)

## Storage and Guarantee

This product should be stored in absence of light at +4 °C. This product is guaranteed to be stable for 6 months from the date of purchase. Prepare the tandem-stock solution for labeling shortly before use. Do not expose dye solutions for an extended period of time (hours) to light.