



IBA GmbH
Rudolf-Wissell-Str. 28
37079 Goettingen
Germany
Tel.: +49 (0) 551-5 06 72-0
E-mail: info@iba-lifesciences.com
www.iba-lifesciences.com

Data Sheet

Strep-Tactin® APC

Cat. No.: 6-5010-001

Version: 6.3
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Description	Strep-Tactin® conjugated to Allophycocyanin (APC) suitable for cell staining.
Form	Dissolved in DPBS (Dulbecco's phosphate buffered saline) without Ca & Mg, contains KCl; pH 7.0 – 7.5
Amount	50 µl
Stability	12 months after shipping; handle under sterile conditions.
Storage	2-8 °C; Do not freeze!
Shipping	Blue ice
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
Application	Strep-Tactin® fluorescently conjugated to either R-Phycoerythrin (PE) or Allophycocyanin (APC) is suitable for staining or fluorescent sorting of antigen-specific cytotoxic T cells (MHC I Streptamer®) or surface marker-specific cells (Fab-TACS®/Nano-TACS®) based on our Strep-tag® technology. For this purpose, fluorescent Strep-Tactin® has to be combined with Twin-Strep-tag®-containing MHC I complexes (MHC I-Streps) or low affinity Fab fragments/nanobodies (Fab-Streps/Nano-Streps). Biotin causes the dissociation of all reagents from the cells, yielding label-free populations for unbiased further use.
Recommended usage	1 µl per 2-3 x 10 ⁶ total cells

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