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Data Sheet

Strep-Tactin® PE

Cat. No.: 6-5000-001

Version: 7.0
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Description	Strep-Tactin® conjugated to R-Phycoerythrin (PE) 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 x 10 ⁶ (MHC I-Streps) or 5 x 10 ⁶ (Fab-Streps) total cells

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