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## Data Sheet

# Strep-Tactin<sup>®</sup>XT APC

Cat. No.: 6-5410-001

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<b>Description</b>	<b>Strep-Tactin<sup>®</sup>XT conjugated to allophycocyanin (APC) suitable for cell staining. Strep-Tactin<sup>®</sup>XT is a streptavidin variant optimized for Strep-tag<sup>®</sup>II and Twin-Strep-tag<sup>®</sup> fusion protein binding.</b>
<b>Specificity</b>	Strep-tag <sup>®</sup> II, Twin-Strep-tag <sup>®</sup> , cross reactivity: biotin
<b>Product type</b>	Recombinant protein
<b>Form</b>	Solution in DPBS (Dulbecco's phosphate buffered saline) without Ca & Mg, contains KCl; pH 7.0 – 7.5
<b>Concentration</b>	75 µg/ml
<b>Amount</b>	50 µl
<b>Stability</b>	12 months after shipping; handle under <b>sterile</b> conditions.
<b>Storage</b>	2-8 °C; protect from light; <b>Do not freeze!</b>
<b>Shipping</b>	Blue ice
<b>Hazards</b>	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
<b>Application</b>	Strep-Tactin <sup>®</sup> XT PE is applicable for: <ul style="list-style-type: none"><li>- Direct staining of Strep-tag<sup>®</sup>II- or Twin-Strep-tag<sup>®</sup>-expressing cells</li><li>- Indirect staining of cells via a strep-tagged protein (e.g. antibody or antigen)</li></ul>
<b>Recommended usage</b>	Direct FACS/flow cytometry: dilute 1:100 – 1:1000 Indirect FACS/flow cytometry (via tagged protein): 75 ng (1 µl) conjugate per 200 ng of a 50 kDa protein/50 ng of a 16 kDa protein for 5 x 10 <sup>6</sup> total cells

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