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Data Sheet

Strep-Tactin[®]XT PE

Cat. No.: 6-5400-001

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Description	Strep-Tactin[®]XT conjugated to R-Phycoerythrin (PE) suitable for cell staining. Strep-Tactin[®]XT is a streptavidin variant optimized for Strep-tag[®]II and Twin-Strep-tag[®] fusion protein binding.
Specificity	Strep-tag [®] II, Twin-Strep-tag [®] , cross reactivity: biotin
Product type	Recombinant protein
Form	Solution in DPBS (Dulbecco's phosphate buffered saline) without Ca & Mg, contains KCl; pH 7.0 – 7.5
Concentration	75 µg/ml
Amount	50 µl
Stability	12 months after shipping; handle under sterile conditions.
Storage	2-8 °C; protect from light; 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 [®] XT PE is applicable for: <ul style="list-style-type: none">- Direct staining of Strep-tag[®]II- or Twin-Strep-tag[®]-expressing cells- Indirect staining of cells via a strep-tagged protein (e.g. antibody or antigen)
Recommended usage	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 ⁶ total cells

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