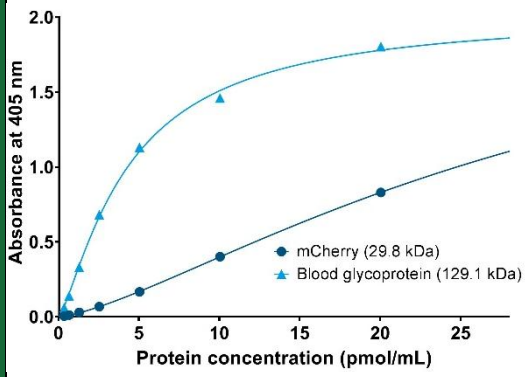
Strep-Tactin® AP

Cat. No.: 2-1503-001

Description	**Strep-Tactin® labelled with alkaline phosphatase (AP, min. 2 moles per mole Strep-Tactin®). Strep-Tactin®* is a streptavidin variant specially optimized for Strep-tag®II and Twin-Strep-tag® fusion protein binding.**
Form	Suspension in buffer (50 mM Tris-HCl, 0.1 M NaCl, 1 mM MgSO4, 0.1 mM ZnCl2, 0.1% (w/v) NaN3, 10 mg/ml bovine serum albumin, pH 8)
Alkaline phosphatase activity	1500-2000 units/mg (DEA units, unit definition: one unit is the enzyme activity which dephosphorylates 1 µmole of orthophosphoric monoester per min under assay conditions (25 °C, pH 9.8))
Amount	500 µl
Concentration	0.175-0.185 mg/ml conjugate (Bradford dye binding assay)
Stability	12 months after shipping
Storage	Recommended: 2-8 °C
Shipping	Room temperature
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided
Application	Western Blot: dilute 1:4 000 or higher for chromogenic detection ELISA: dilute between 1:800 and 1:5 000 for chromogenic detection; start with 1:1 600  The detection limit may vary depending on protein size. We recommend starting with a concentration that will yield an absorbance of roughly 0.5. The data provided on the left was obtained with Twin-Strep-tag® fused proteins in an ELISA, with a Strep-Tactin® AP dilution of 1:1 600.
Manufacturer	IBA Lifesciences

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