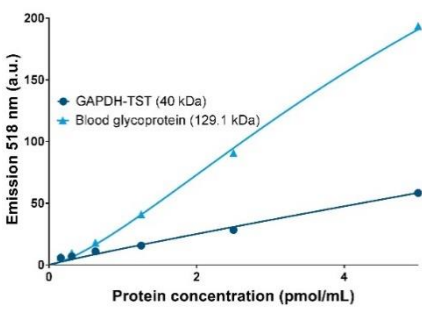


Data Sheet

Strep-Tactin®XT DY-488

Cat. No.: 2-1562-050

Version: 5.0
 Revision Date: 11.01.2024

Description	Strep-Tactin®XT DY-488 is a streptavidin variant conjugated with the fluorescent dye DY-488. It can be used for detection of N-, C-terminally as well as internally tagged Strep-tag®II or Twin-Strep-tag® proteins in applications like ELISA, FACS, immunohistochemistry, and immunocytochemistry.	
Specificity	Strep-tag®II, Twin-Strep-tag®, cross reactivity: biotin	
Product Type	Recombinant protein	
Form	Suspension in PBS; contains 0.01% NaN ₃ , 1 mg/ml BSA	
Concentration	0.5 mg/ml	
Amount	100 µl	
Stability	6 months after shipping (If the products contain a precipitate, we recommend centrifugation before use.)	
Storage	2-8 °C, protect from light	
Shipping	Room temperature	
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.	
Absorption/Emission	493/518 nm	
Application	 <p>The detection limit may vary depending on protein size. The data provided on the left was obtained with Twin-Strep-tag® fused proteins in an ELISA, with a Strep-Tactin®XT DY-488 dilution of 1:1 000.</p>	<p>FACS/Flow cytometry: Direct: dilute 1:5000 Indirect (via tagged protein): 75 ng (1.5 µl of 1:10 dilution) conjugate per 200 ng of a 50 kDa protein/50 ng of a 16 kDa protein for 5 x 10⁶ total cells</p> <p>ELISA: use a black plate with clear bottom, dilute between 1:500 and 1:2 000; start with 1:1 000.</p>

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