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Data Sheet

StrepMAB-Immo DY-488

Cat. No.: 2-1564-050

Version: 4.0
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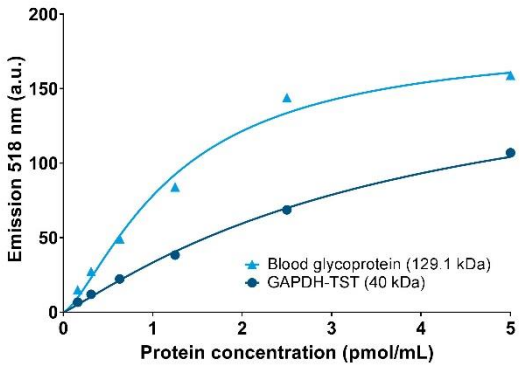
Description	**StrepMAB-Immo DY-488 is an antibody conjugated with the fluorescent dye DY-488 and applicable for, e.g., ELISA, FACS, immunohistochemistry, and immunocytochemistry. The nearly irreversible binding is validated for fusion proteins carrying a C- or N-terminal Strep-tag®II providing an N-terminal extension by an SA-linker (recombinant protein-SA-WSHPQFEK or SA-WSHPQFEK-recombinant protein). Proteins containing the Strep-tag®II with N-terminal sequences other than SA are bound with reduced affinity. However, the Twin-Strep-tag® always contains the SA-linker (WSHPQFEK-GGGS-GGGS-GGSA-WSHPQFEK).**
Specificity	Twin-Strep-tag® and Strep-tag®II with N-terminal SA-linker (**SA**-WSHPQFEK)
Product Type	Monoclonal antibody (mouse IgG1kappa)
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	 **FACS/Flow cytometry:** dilute 1:1 000 **ELISA:** use a black plate with clear bottom, dilute between 1:500 and 1:2 000; start with 1:500. 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 StrepMAB-Immo DY-488 dilution of 1:500.

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