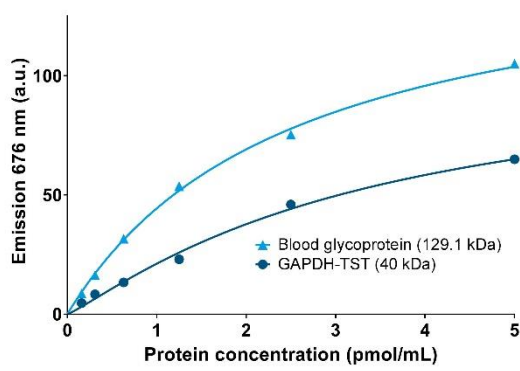


## Data Sheet

# StrepMAB-Immo DY-649

Cat. No.: 2-1570-050

Version: 4.0  
Revision Date: 21.10.2021

<b>Description</b>	StrepMAB-Immo DY-649 is an antibody conjugated with the fluorescent dye DY-649 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-GGGG-GGGG-GGSA-WSHPQFEK).	
<b>Specificity</b>	Twin-Strep-tag® and Strep-tag®II with N-terminal SA-linker (SA-WSHPQFEK)	
<b>Product Type</b>	Monoclonal antibody (mouse IgG1kappa)	
<b>Form</b>	Suspension in PBS; contains 0.01% NaN <sub>3</sub> , 1 mg/ml BSA	
<b>Concentration</b>	0.5 mg/ml	
<b>Amount</b>	100 µl	
<b>Stability</b>	6 months after shipping (If the products contain a precipitate, we recommend centrifugation before use.)	
<b>Storage</b>	2-8 °C, protect from light	
<b>Shipping</b>	Room temperature	
<b>Hazards</b>	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.	
<b>Absorption/Emission</b>	654/672 nm	
<b>Application</b>	<div>  <p> <b>FACS/Flow cytometry:</b> dilute 1:1000  <b>ELISA:</b> use a black plate with clear bottom, dilute between 1:500 and 1:2 000; start with 1:1 000.            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-649 dilution of 1:1 000.         </p> </div>	

For research use only

### Trademark information

The owners of trademarks marked by "®" or "TM" are identified at <http://www.iba-lifesciences.com/patents.html>. Registered names, trademarks, etc. used in this document, even when not specifically marked as such, are not to be considered unprotected by law.