

## Data Sheet

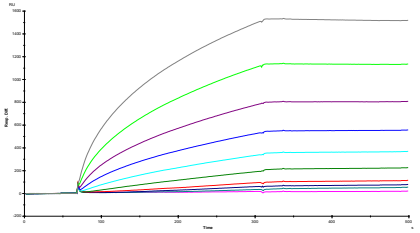
# StrepMAB-Immo

Cat. No.: 2-1517-001

Version: 9.2

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<p><b>Description</b></p>	<p>Murine high affinity Strep-tag® monoclonal antibody exhibiting very low off kinetics, purified</p> <p><b>BiaCore sensorgrams of the interaction between a Strep-tag®II fusion protein at different concentrations and immobilized StrepMAB-Immo</b></p>	
<p><b>Subclass</b></p>	<p>IgG1</p>	
<p><b>Specificity</b></p>	<p>Nearly irreversible binding of proteins fused to Strep-tag®II or Twin-Strep-tag®, which is N-terminally extended by "SerAla" like</p> <p style="text-align: center;"><b>recombinant protein — SA-WSHPQFEK</b> or <b>SA-WSHPQFEK — recombinant protein</b></p> <p>Proteins containing Strep-tag®II with N-terminal sequences other than SerAla are bound with reduced affinity in the cases tested so far.</p>	
<p><b>Applications</b></p>	<p>Stable and oriented binding of respective Strep-tag®II fusion proteins to surfaces (e.g. microtiter plate, Biacore CM5 chip, other biochips) coated with StrepMAB-Immo. The antibody is <b>not</b> recommended for the detection of Strep-tag®II or Twin-Strep-tag® fusion proteins in Western blot.</p>	
<p><b>Form</b></p>	<p>Lyophilized from a NH<sub>4</sub>HCO<sub>3</sub>-solution.</p>	
<p><b>Amount</b></p>	<p>100 µg</p>	
<p><b>Reconstitution</b></p>	<p>Reconstitute with 100 µl phosphate buffered saline (PBS) (final conc. = 1 mg/ml antibody in PBS containing residual NH<sub>4</sub><sup>+</sup> and CO<sub>3</sub><sup>2-</sup> ions)</p> <p><b>Note:</b> To remove eventually occurring turbidity the solution should be centrifuged briefly prior to use.</p>	
<p><b>Stability</b></p>	<p>24 months after shipping</p>	
<p><b>Storage</b></p>	<p>recommended: -25 – -15 °C (both lyophilized and after reconstitution)</p>	
<p><b>Shipping</b></p>	<p>room temperature</p>	
<p><b>Hazards</b></p>	<p>Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.</p>	

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