

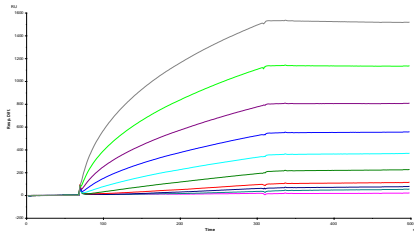
## Data Sheet

### StrepMAB-Immo

Cat. No.: 2-1517-001

Lot No.: 1517 -

Last date of revision  
March 2012  
Version 1517-7

<b>Description</b>	<p>Murine high affinity <i>Strep</i>-tag II monoclonal antibody exhibiting very low off kinetics, purified</p> <p><b>BiaCore sensorgrams of the interaction between a <i>Strep</i>-tag II fusion protein at different concentrations and immobilized <i>Strep</i>MAB-Immo</b></p>	
<b>Subclass</b>	IgG1	
<b>Specificity</b>	<p>Nearly irreversible binding of proteins fused to <i>Strep</i>-tag II<sup>®</sup>, which is N-terminally extended by "SerAla" like</p> <p style="text-align: center;"><b>recombinant protein — SA-WSHPQFEK</b> <b>or</b> <b>SA-WSHPQFEK — recombinant protein</b></p> <p>Proteins containing <i>Strep</i>-tag II with N-terminal sequences other than SerAla are bound with reduced affinity in the cases tested so far.</p>	
<b>Applications</b>	<p>Stable and oriented binding of respective <i>Strep</i>-tag II fusion proteins to surfaces (e.g. microtiter plate, Biacore CM5 chip, other biochips) coated with <i>Strep</i>MAB-Immo. The antibody is <b>not</b> recommended for the detection of <i>Strep</i>-tag II fusion proteins in Western blot.</p>	
<b>Form</b>	Lyophilized from a 0.5 mg/ml solution in 50 mM NH <sub>4</sub> HCO <sub>3</sub> with 10 mg sucrose per mg antibody as additive	
<b>Amount</b>	100 µg	
<b>Reconstitution</b>	<p>Reconstitute with 100 µl phosphate buffered saline (PBS) (final conc. = 1 mg/ml antibody, 10 mg/ml sucrose 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>	
<b>Storage</b>	Lyophilized: -20 °C; Reconstituted: In appropriate aliquots at -20 °C	
<b>Stability</b>	24 months after shipping	
<b>Shipment</b>	Ambient temperature	

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