

**Anti-Strep-Tag antibody [7A10] (STJ96918)**  
STJ96918

**GENERAL INFORMATION**

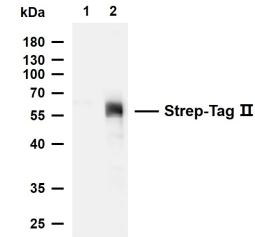
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Strep-Tag-Tag is suitable for use in Western Blot research applications.
<b>Applications</b>	WB
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Species independent

**PRODUCT PROPERTIES**

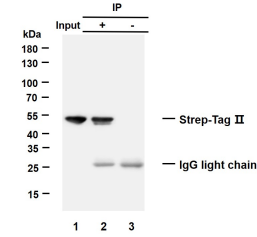
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	7A10
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution Range</b>	WB 1:5000
<b>Formulation</b>	Liquid in PBS pH7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

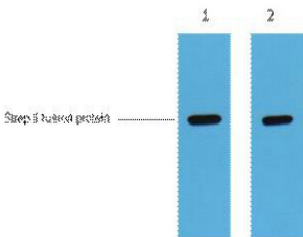
<b>Gene ID</b>	
<b>Gene Symbol</b>	
<b>Uniprot ID</b>	
<b>Immunogen</b>	Synthetic Peptide of Strep-Tag
<b>Immunogen Region</b>	
<b>Specificity</b>	The antibody detects Strep tag fusion proteins.
<b>Immunogen Sequence</b>	



Whole extracts were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Strep-Tag  $\alpha$  (7A10) antibody. The HRP-conjugated Goat anti- mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: Rosetta transfected with an empty expression vector Lane 2: Rosetta transfected with a Strep-Tag $\alpha$ -tagged MBP protein. Predicted band size: 55kDa. Observed band size: 55kDa.



Strep-Tag  $\alpha$  was immunoprecipitated from Strep-Tag  $\alpha$ -MBP (Rosetta) lysate with anti-Strep-Tag  $\alpha$  antibody. Western blot was performed on the immunoprecipitate using anti-Strep-Tag  $\alpha$  antibody, and followed by the HRP-conjugated Goat anti- mouse IgG Light chain antibody. Lane 1: Strep-Tag  $\alpha$ -MBP (Rosetta) lysate. Lane 2: anti-Strep-Tag  $\alpha$  antibody IP in Strep-Tag  $\alpha$ -MBP (Rosetta) lysate. Lane 3: mouse monoclonal IgG (MNH209) in Strep-Tag  $\alpha$ -MBP (Rosetta) lysate.



1ug Strep II fusion protein+ primary antibody dilution at 1) 1:5000 2) 1:10000

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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