

Product overview

product name	Anti Strep tag mouse monoclonal antibody
catalog No.	ATMA10167Mo
Category	Primary antibody
Host	Mouse
Species specificity	Recognizes Strep tagged fusion proteins.
Tested applications	WB,IP
Clonality	Monoclonal
Clone No.	7G9
Conjugation	Unconjugated
Immunogen	Synthetic peptide WSHPQFEK corresponding to Strep-tag II conjugated to KLH.
Alternative Names	Strep-Tag II
Uniprot ID	/

Product performance

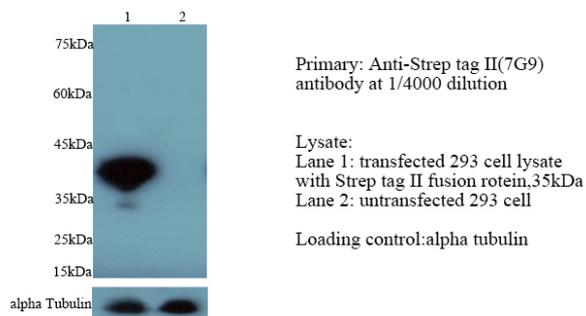
Form	Liquid
Buffer	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
Concentration	0.5mg/ml
Isotype	IgG1
MW	/
Purity	Protein G purification

Dilution range

WB: 1:5000-1:8000,IP:1:100-1:400

Product experiment picture





Product background

The Strep-tag is a synthetic peptide consisting of eight amino acids: NWSHPQFEK (Strep tag) with high specificity and affinity towards streptavidin. The Strep tag antibody is a useful tool in analysis and affinity purification of Strep tag fusion proteins. It has wide use in numerous molecular biological protocols due to its strong affinity for biotin. The original Strep-tag is a nine amino acid peptide with high specificity and affinity towards streptavidin. The addition of this tag to the C-terminus of recombinant proteins allowed the simple purification of protein by use of affinity columns. It was re-engineered (and re-named Strep-tag II) to allow it to also be placed at the N-terminus of recombinant proteins.