

Strep II-Tag mouse mAb

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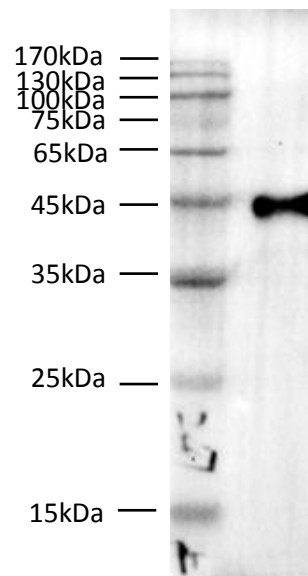
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Synonyms:	Strep-tag II; Strep-tag
Attribute:	Mouse Monoclonal Antibody
Isotype:	IgG1
Purity:	Protein A/G Purification
Application:	ELISA, WB, IP
Reactivity:	Species independent
Immunogen:	Peptide ASWSHPQFEKGA
Buffer:	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
Storage:	Store at -20°C. Do not aliquot
Recommended Dilution:	WB: 1:1000-2000 IP: 3ug/sample



Western Blotting of strep-tag II fused protein from E.Coli at dilution of 1:1000

Background:

The Strep-tag II is a synthetic peptide consisting of eight amino acids (WSHPQFEK). This peptide sequence exhibits intrinsic affinity towards Strep-Tactin, a specifically engineered streptavidin and can be N- or C- terminally fused to recombinant protein. The Strep-tag II peptide was developed as an affinity tool for the purification of corresponding fusion proteins on streptavidin columns. The peptide recognizes the same pocket of streptavidin where the natural ligand is normally bound so that biotin or its chemical derivatives can be used for competitive elution.

We focus on precise protein quantification