

Strep-Tag II Mouse mAb

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Catalog # AP94084

Product Information

Application	WB
Host	Rabbit
Clonality	Monoclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide Strep-Tag
Isotype	IgG
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The Strep-tag system is a method which allows the purification and detection of proteins by affinity chromatography. The Strep-tag is a synthetic peptide consisting of eight amino acids (Trp-Ser-His-Pro-Gln-Phe-Glu-Lys). This peptide sequence exhibits intrinsic affinity towards Strep-Tactin, a specifically engineered streptavidin and can be N- or C- terminally fused to recombinant proteins. By exploiting the highly specific interaction, Strep-tagged proteins can be isolated in one step from crude cell lysates. Because the Strep-tag elutes under gentle, physiological conditions it is especially suited for generation of functional proteins.

Additional Information

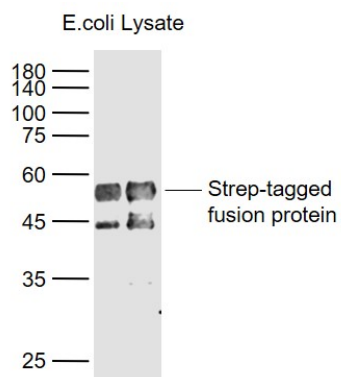
Dilution	WB=1:1000-5000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Background

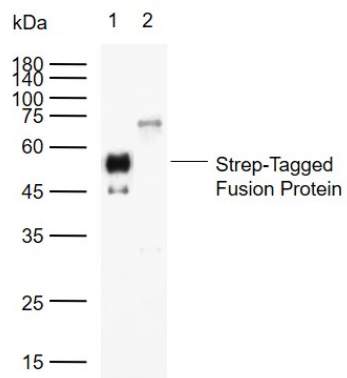
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Images

Sample: Strep-Tagged Fusion Protein Overexpression
E.coli Lysate (Cat#: bs-41403P) at 4ug Primary:



Anti-Strep-Tag II (AP94084) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 51 kD Observed band size: 51 kD



Sample: Lane 1: Strep-Tagged Fusion Protein
Overexpression E.coli Lysates (bs-41403L) Lane 2:
Negative control Primary: Anti-Strep-Tag II/HRP
(AP94084-HRP) at 1/10000 dilution Predicted band size:
kDa Observed band size: 51 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.