

Strep-Tag II Mouse mAb

Catalog Number: BN42002M

Target Protein: Strep-Tag II

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Applications: WB (1:1000-5000), ELISA (1:5000-10000)

Reactivity: Species independent

Isotype: IgG

Entrez Gene: N/A

Swiss Prot: N/A

Purification: affinity purified by Protein G

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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.