Strep-Tag II Monoclonal Antibody

catalog number: **E-AB-48009**

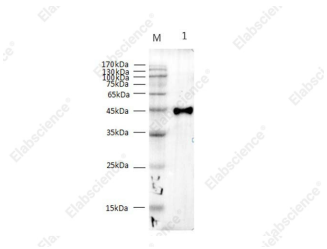
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	All
Immunogen	Synthetic peptide corresponding to Strep II tag conjugated to keyhole limpet haemocyanin.
Host	Mouse
Isotype	Mouse IgG1
Clone	4H10
Purification	Protein A/G Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:1000-1:2000

Data



Western Blotting of Strep II -Tag fused recombinant protein with Anti-Strep II mouse monoclonal antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.

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