

S-Tag Mouse mAb
Catalog NO.: EM1016
For research use only.

Overview

Product name S-Tag Mouse Monoclonal antibody

Source Mouse

Applications WB

Species reactivity N/A

Recommended dilutions WesternBlot:1/5000

NOTE: Optimal dilutions should be determined by the end user.

Immunogen Synthetic Peptide

Species N/A

Storage PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Store at -20° C. Avoid repeated freeze-thaw cycles.

Isotype IgG1

Clonality Monoclonal

Concentration 1 mg/ml

Observed band N/A

GenelD (Human) N/A

Human Swiss-Prot No. N/A

Cellular localization N/A

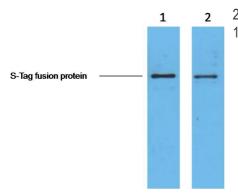
Alternative Names N/A

Background S-tag is the name of an oligopeptide derived from pancreatic ribonuclease A

(RNase A). If RNase A is digested with subtilisin a single peptide bond is cleaved but the resulting two products remain weakly bound to each other and the protein called ribonuclease S remains active although each of the two products alone shows no enzymatic activity. The N-terminus of the original RNase A also called S-peptide consists of 20 amino acid residues of which only the first5 are required for ribonuclease activity. This5 amino acids long peptide is called S15 or S-tag. The amino acid sequence of the S-tag is:

https://www.elkbiotech.com T:86-27-59760950 E: elkbio@elkbiotech.com

KETAAAKFERQHMDS conjugated to KLH. S- Tag antibody can recognize C-terminal internal and N-terminal S-tagged proteins.



2ug S-Tag fusion protein+ Primary antibody dilution at $\+$ 1:5000 2 $\+$ 1:10000