



ELK Biotechnology

S-T M A
C NO.: EM1016
F
O

P S-Tag Mouse Monoclonal antibody

S Mouse

A [REDACTED]

S N/A

R [REDACTED]

NOTE: O

I Synthetic Peptide

S N/A

S PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Store at -20 C. Avoid repeated freeze-thaw cycles.

I IgG1

C Monoclonal

C 1 mg/ml

O N/A

G ID H N/A

H S -P N N/A

C N/A

A N N/A

B 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 first 5 are required for ribonuclease activity. This 5 amino acids long peptide is called S15 or S-tag. The amino acid sequence of the S-tag is:

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

