



# ELK Biotechnology

MBP-Tag Mouse mAb

Catalog NO.: EM1007

For research use only.

## Overview

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Product name	MBP-Tag Mouse Monoclonal antibody
Source	Mouse
Applications	<b>WB</b>
Species reactivity	<b>N/A</b>
Recommended dilutions	<b>WesternBlot:1/5000</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Recombinant Protein
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	<b>N/A</b>
GeneID (Human)	N/A
Human Swiss-Prot No.	N/A
Cellular localization	N/A
Alternative Names	N/A
Background	Maltose binding protein (MBP) is a useful affinity tag that can increase the expression level and solubility of the MBP tagged protein. It promotes proper folding of the fusion protein and it can be also used to prevent an insoluble form (inclusion bodies). MBP is used to increase the solubility of recombinant proteins expressed in E. coli. In these systems the protein of interest is often expressed as a MBP-fusion protein preventing aggregation of the protein of interest.

