

MBP-Tag Mouse mAb Catalog NO.: EM1007 For research use only.

## Overview

Product name MBP-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 Recombinant Protein

Species N/A

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

Store at -20 $^{\circ}\,$  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** Maltose binding protein (MBP) is a useful affinity tag that can increase the

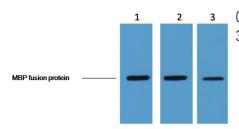
expression level and solubility of the MBP tagged protein. It promotes proper folding of the fusion protein and it can be also used to prevent an insoluble form (inclusion bodies). MBP is used to increase the solubility of recombinant proteins expressed in E. coli. In these systems the protein of interest is often expressed as a MBP-fusion protein preventing aggregation

of the protein of interest.

https://www.elkbiotech.com

T:86-27-59760950

E: elkbio@elkbiotech.com



0.5ug MBP fusion protein+ Primary antibody dilution at  $\+$  1:3000 2  $\+$  1:5000 3  $\+$  1:10000