

## MBP-Tag Mouse Monoclonal Antibody-HRP Conjugated(7G2)

Catalog TDY008-HRP

Tel: 010-80117836

Quantity 100 $\mu$ L

Web: www.tdybio.com

*For research use only.*

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	Recombinant MBP Specific	MBP-Tag	IgG1

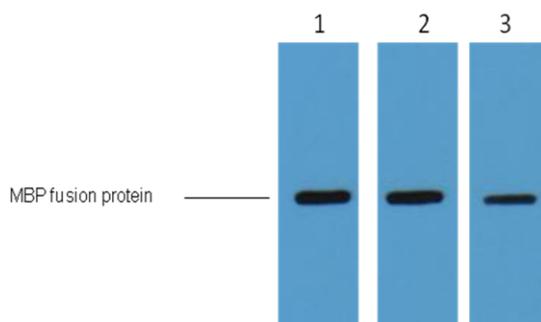
**Storage Buffer & Condition:** PBS, pH 7.4, 50% Glycerol. *Avoid SODIUM AZIDE.*  
Store at **-20°C. Do not aliquot the antibody.**

**Recommended dilutions: WB: 1:5,000**

*Optimal dilutions should be determined by the end user.*

**Specificity:** The MBP tag antibody can recognize MBP and MBP tag fusion proteins.

**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.



0.5 $\mu$ g MBP fusion protein+ TDY008-HRP dilution at

- 1:3,000
- 2: 1:5,000
- 3: 1:10,000