

MBP-Tag Mouse Monoclonal Antibody(7G2)

Catalog	TDY008C	TDY008F	Tel: 010-82908854
Quantity	50 μ L	100 μ L	Free: 400-0620-621
			Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB,	N/A	N/A	IgG1

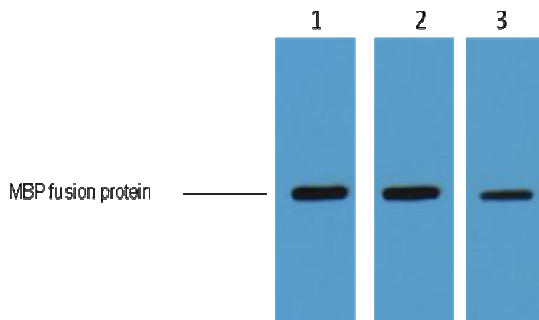
Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C**. **Do not aliquot the antibody.**

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 μ g MBP fusion protein+ Primary antibody dilution at

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