



MBP Tag Monoclonal Antibody



A02070

Product Information

	Product Name: Anti-MBP Tag Mouse Monoclonal Antibody (9Y5)		
	Applications: WB		Isotype: Mouse IgG1
REF	Catalog Number: A02070	LOT	Lot Number: Refer to vial
	Formulation: Liquid		Size: 50ul/200ul/1ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: 0.02% Sodium Azide

Background: Maltose Binding Protein, also called MBP, is a member of the maltose/maltodextrin system of E.coli which is accountable for the uptake and efficient catabolism of maltodextrins. Maltose binding protein 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).

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1,000-1:10,000).

Storage Buffer: PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% glycerol as stabilizer.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

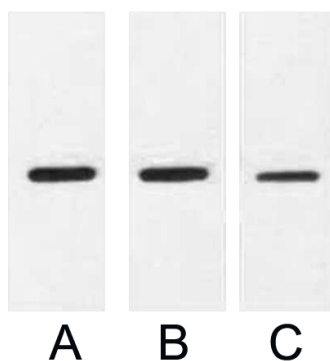


Fig. WB analysis of 0.5ug MBP fusion protein with Anti-MBP Tag Mouse Monoclonal Antibody (9Y5) in 1:2,000 (line A), 1:3,000 (line B) and 1:5,000 (line C) dilutions.

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