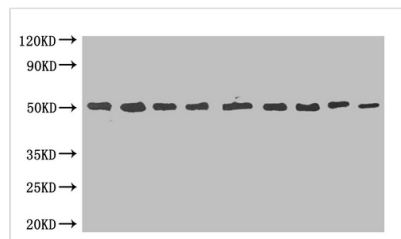




# MBP Monoclonal Antibody

<b>Product Code</b>	CSB-MA000061M0m
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Immunogen</b>	MBP-Tag fusion protein
<b>Raised In</b>	mouse
<b>Species Reactivity</b>	N/A
<b>Tested Applications</b>	ELISA,WB;Recommended dilution:WB:1:500-1:5000
<b>Relevance</b>	Maltose-Binding Protein (MBP) is a native E. coli protein and is part of a complex responsible for the uptake and efficient catabolism of maltodextrins. MBP is composed of 370 amino acid residues. As a fusion tag, MBP is useful for recombinant protein purification by affinity chromatography. It is also used to increase the expression level and solubility of the tagged protein, and for promoting proper folding of the attached protein. MBP increases solubility and the tag is thus particularly useful for recombinant proteins that may otherwise accumulate in an insoluble forms as inclusion bodies. Affinity purification takes place under physiological conditions and mild elution is performed using maltose. The mild elution conditions preserve the activity of the MBP-tagged protein.
<b>Form</b>	liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%,Protein G purified
<b>Isotype</b>	IgG2a
<b>Clonality</b>	monoclonal
<b>Product Type</b>	Tag Control Antibody
<b>Clone No.</b>	1E52C2

## Image



MBP-tagged fusion protein(20ng/ml) was subjected to SDS-PAGE followed by Western Blot with CSB-MA000061M0m at dilution of  
 Lane 1:1000 Lane 4:8000 Lane 7:64000  
 Lane 2:2000 Lane 5:16000 Lane 8:128000  
 Lane 3:4000 Lane 6:32000 Lane 9:256000  
 Secondary  
 Goat polyclonal to Mouse IgG at 1/5000 dilution  
 Predicted band size:50kd  
 Observed band size:50kd