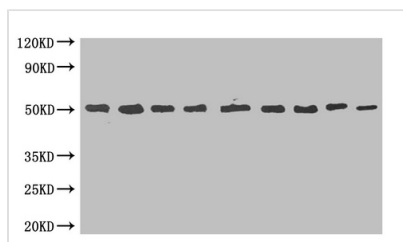




MBP Monoclonal Antibody

Product Code	CSB-MA000061M0m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P0AEX9
Immunogen	MBP-Tag fusion protein
Raised In	mouse
Species Reactivity	N/A
Tested Applications	ELISA,WB;Recommended dilution:WB:1:500-1:5000
Relevance	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.
Form	liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%,Protein G purified
Isotype	IgG2a
Clonality	monoclonal
Product Type	Tag Control Antibody
Clone No.	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

Usage For Research Use Only. Not for use in diagnostic or therapeutic procedures.