

Datasheet for ABIN2753231

**anti-Maltose Binding Protein antibody**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Maltose Binding Protein (MBP)
Reactivity:	E. coli
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Maltose Binding Protein antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

## Product Details

Immunogen:	MBP-Tag fusion protein
Isotype:	IgG2a
Purification:	protein G purified

## Target Details

Target:	Maltose Binding Protein (MBP)
Alternative Name:	maltose Binding Protein ( <a href="#">MBP Products</a> )
Background:	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

## Target Details

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.

## Application Details

Restrictions: For Research Use only

## Handling

Format:	Liquid
Buffer:	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C/-80 °C