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**Product Name: Maltose Binding Protein (6B6) Rabbit Monoclonal Antibody****Catalog #: AMRe13610**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Escherichia coli
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000
<b>Molecular Weight</b>	43kDa

**Antigen Information**

<b>Gene Name</b>	malE
<b>Alternative Names</b>	MMBP; MalE; Maltose Binding Protein; Maltose binding periplasmic protein;
<b>Gene ID</b>	61753691;948538
<b>SwissProt ID</b>	P0AEX9
<b>Immunogen</b>	A synthetic peptide Maltose Binding Protein

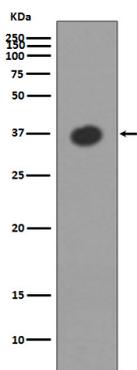
**Background**

Epitope tagging offers an easy and universal strategy for the identification and purification of proteins derived by recombinant

DNA technology. The insertion of a Maltose Binding Protein (MBP) tag creates a stable fusion product that does not interfere with the bioactivity of the protein or with the biodistribution of the MBP tagged product. Cleavage by factor Xa separates MBP from its partner protein. Part of the ABC transporter complex MalEFGK involved in maltose/maltodextrin import. Binds maltose and higher maltodextrins such as maltotriose.

## Research Area

## Image Data



Western blot analysis of MBP expression in *Escherichia coli* lysate.