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Datasheet for ABIN905542

## anti-Maltose Binding Protein antibody (AA 43-57) (Cy7)

### Overview

Quantity:	100 µL
Target:	Maltose Binding Protein (MBP)
Binding Specificity:	AA 43-57
Reactivity:	E. coli
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Maltose Binding Protein antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from E. coli strain 12 Maltose Binding Protein
Isotype:	IgG
Cross-Reactivity:	Tag
Cross-Reactivity (Details):	Escherichia coli strain K12
Purification:	Purified by Protein A.

### Target Details

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

## Target Details

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Background: Synonyms: Maltose/maltodextrin-binding periplasmic protein, MMBP, Maltodextrin-binding protein, Maltose-binding protein, MBP, b4034, JW3994, MALE\_ECOLI  
Background: Part of the ABC transporter complex MalEFGK involved in maltose/maltodextrin import. Binds maltose and higher maltodextrins such as maltotriose.

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Gene ID: 948538

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UniProt: [P0AEX9](#)

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## Application Details

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Application Notes: IF(IHC-P): (1:50-200)  
Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months

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