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Datasheet for ABIN905536

anti-Maltose Binding Protein antibody (AA 43-57) (Cy3)

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 Cy3 |
| 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 (MBP Products) |

Target Details

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.

Gene ID: 948538

UniProt: [P0AEX9](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

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

Preservative: Sodium azide

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

Storage: -20 °C

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

Expiry Date: 12 months
