abcam

Product datasheet

Anti-Maltose Binding Protein antibody [EPR4744] ab119994

Recombinant RabMAb

2 Images

Overview

Product name	Anti-Maltose Binding Protein antibody [EPR4744]
Description	Rabbit monoclonal [EPR4744] to Maltose Binding Protein
Host species	Rabbit
Tested applications	**Suitable for:** WB **Unsuitable for:** Flow Cyt,ICC/IF,IHC-P or IP
Species reactivity	**Reacts with:** Escherichia coli
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	E. coli lysate
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR4744

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab119994 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 40 kDa (predicted molecular weight: 43 kDa).

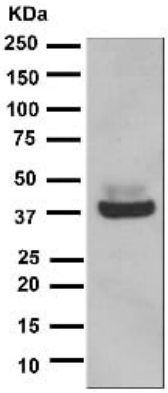
Application notes Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP.

Target

Relevance 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.

Cellular localization Periplasm

Images



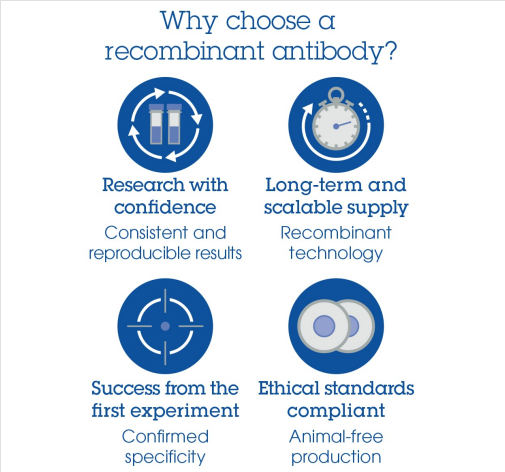
Western blot - Anti-Maltose Binding Protein antibody [EPR4744] (ab119994)

Anti-Maltose Binding Protein antibody [EPR4744] (ab119994) at 1/1000 dilution + E.coli lysate at 10 µg/ml

Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 43 kDa



Anti-Maltose Binding Protein antibody [EPR4744]

(ab119994)

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