

Product datasheet

Anti-Maltose Binding Protein antibody [EPR4745] ab133308

Recombinant RabMAb

[2 Images](#)

Overview

Product name	Anti-Maltose Binding Protein antibody [EPR4745]
Description	Rabbit monoclonal [EPR4745] 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 within Escherichia coli Maltose Binding Protein aa 300-400. The exact sequence is proprietary.
Positive control	E. coli lysate
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- 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: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR4745
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab133308 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. Predicted molecular weight: 43 kDa.

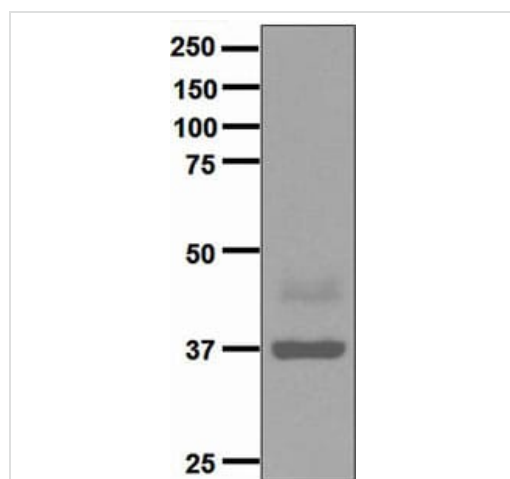
Application notes Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

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



Anti-Maltose Binding Protein antibody [EPR4745] (ab133308) at 1/1000 dilution + E. coli lysate at 10 µg

Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 43 kDa

Western blot - Anti-Maltose Binding Protein antibody [EPR4745] (ab133308)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Maltose Binding Protein antibody [EPR4745]
(ab133308)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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