

Product datasheet

Anti-Maltose Binding Protein antibody [R29] ab80662

Overview

Product name	Anti-Maltose Binding Protein antibody [R29]
Description	Mouse monoclonal [R29] to Maltose Binding Protein
Host species	Mouse
Specificity	ab80662 reacts with free Maltose Binding Protein or Maltose Binding Protein fusion proteins in various immunochemical assays.
Tested applications	Suitable for: WB, ICC/IF, Conjugation
Species reactivity	Reacts with: Bacteria, Proteins from all species which are tagged with MBP.
Immunogen	Purified recombinant Maltose Binding Protein fusion protein
Positive control	Maltose Binding Protein fusion protein in bacteria, bacterial lysate, or cells and tissues transfected with a Maltose Binding Protein fusion protein expressing vectors.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: None Constituents: 10mM PBS, pH 7.4
Purity	Protein G purified
Purification notes	ab80662 is purified from ascites fluid by Protein G chromatography.
Clonality	Monoclonal
Clone number	R29
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab80662** 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		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 53 kDa.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent dilution.
Conjugation		Use at an assay dependent dilution.

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

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