

Product Datasheet

MBP Epitope Tag antibody (orb344609)

Description

MBP Epitope Tag antibody

Species/Host

Rabbit

Conjugation

Unconjugated

Tested

ELISA, WB

Applications
Immunogen

This antibody was purified from whole rabbit serum prepared by repeated immunizations with the MBP epitope tag recombinant protein.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Lyophilized

Concentration

1.0 mg/mL

Storage

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

Application notes

Anti-MBP is optimally suited for monitoring the expression of MBP tagged fusion proteins. As such, anti-MBP/MBP can be used to identify fusion proteins containing the MBP epitope. The antibody recognizes the MBP epitope tag fused to the amino- or carboxy-termini of targeted proteins. This antibody has been tested by ELISA and western blotting against MBP containing recombinant proteins. Although not tested, this antibody is likely functional for immunoprecipitation and immunocytochemistry, and other immunodetection techniques. Maltose binding protein is a bacterial protein, which is often used in protein expression studies because it creates a stable fusion product that does not appear to interfere with the bioactivity of the protein of interest. It also allows for its easy purification from bacterial extracts under mild conditions. Anti-MBP is a companion to the pMAL protein expression system and can be used for the detection and purification of MBP-fusion proteins expressed in E. coli. By Western blot, a band is seen at ~ 42 kDa representing MBP.

Isotype

IgG

Clonality

Polyclonal

Purity

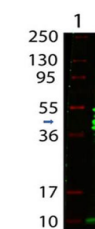
This IgG purified antibody is directed against MBP and is



Anti-MBP epitope tag polyclonal antibody...



Western Blot of Anti-MBP epitope tag pol...



Western Blot showing detection of Maltos...