



### ***DB118: MBP (FL5)***

#### **Background:**

The 40.8 K maltose binding protein MalE, MBP, is part of the maltodextrin transport system in *E. coli*. The maltodextrins diffuse through the LamB pore located in the outer membrane into the periplasm. Here the sugar is bound to MalE which prevents it to diffuse back outside. MalE passes the sugar to a complex of MalF and MalG in the cytoplasmic membrane where the ATPase MalK mediates active transport.

#### **Origin:**

Rabbits were immunized with purified recombinant maltose binding protein.

#### **Product Details:**

Each vial contains 200 µg/ml of affinity purified rabbit IgG, beta Gal DB118 (FL3), in 1 ml PBS containing 0.1 % sodium azide and 0.2% gelatin.

#### **Specificity:**

Will detect fusion proteins containing MBP.

#### **Use:**

MBP (FL5) DB118 is recommended for use by western blotting and immunohistochemistry. The suggested western blotting starting dilution is at 1:400.

#### **Storage:**

Store this product at 4° C, do not freeze. The product is stable for one year from the date of shipment.