

**Anti-MALTOSE PHOSPHORYLASE (E.coli) (GOAT) Antibody Peroxidase Conjugated**  
**Maltose Phosphorylase Antibody Peroxidase Conjugated**  
**Catalog # ASR3998****Specification****Anti-MALTOSE PHOSPHORYLASE (E.coli) (GOAT) Antibody Peroxidase Conjugated -  
Product Information**

Host	Goat
Conjugate	Peroxidase (Horseradish)
Target Species	Escherichia coli
Reactivity	Bacteria
Clonality	Polyclonal
Application	WB, E, IP, I, LCI
Application Note	Anti-Maltose Phosphorylase has a working dilution of 1:2,000 to 1:10,000 of the reconstitution concentration is suggested for this product.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Maltose Phosphorylase [E.coli]
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

**Anti-MALTOSE PHOSPHORYLASE (E.coli) (GOAT) Antibody Peroxidase Conjugated -  
Additional Information****Other Names**  
6233598**Purity**

Maltose Phosphorylase is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum as well as purified and partially purified Maltose Phosphorylase [E.coli]. Cross reactivity against Maltose Phosphorylase from other sources is unknown.

**Storage Condition**

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.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

### **Anti-MALTOSE PHOSPHORYLASE (E.coli) (GOAT) Antibody Peroxidase Conjugated - Protein Information**

### **Anti-MALTOSE PHOSPHORYLASE (E.coli) (GOAT) Antibody Peroxidase Conjugated - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Anti-MALTOSE PHOSPHORYLASE (E.coli) (GOAT) Antibody Peroxidase Conjugated - Images**

### **Anti-MALTOSE PHOSPHORYLASE (E.coli) (GOAT) Antibody Peroxidase Conjugated - Background**

Maltose Phosphorylase belongs to the family of glycosyltransferases, specifically the hexosyltransferases. The systematic name of this enzyme class is maltose:phosphate 1-beta-D-glucosyltransferase. This enzyme participates in starch and sucrose metabolism. Two substrates of this enzyme are maltose and phosphate, whereas its two products are D-glucose and beta-D-glucose 1-phosphate.