

R1157HRPS**Polyclonal Antibody to PGMB - HRP**

Alternate names:	Beta-PGM, Beta-phosphoglucomutase, Glucose Phosphomutase, Phosphoglucomutase beta
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Uniprot ID:	P71447
NCBI:	NP_266585.1
GeneID:	1114041
Host:	Goat
Immunogen:	Beta-phosphoglucomutase (PGMB) from <i>Lactococcus lacti</i>
Format:	State: Lyophilized purified Ig fraction Purification: Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer Buffer System: 0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 Preservatives: 0.01% (w/v) Gentamicin sulfate (Do NOT add Sodium azide!) Stabilizers: 10 mg/ml BSA (immunoglobulin and protease free) Label: HRP – Horseradish peroxidase Reconstitution: Restore with 0.1 ml of deionized water (or equivalent).
Applications:	Western blot: 1/1,000-1/5,000. ELISA: 1/10,000-1/40,000 dilution suggested to begin optimization. This product has been assayed against 1.0 µg of Beta-phosphoglucomutase [<i>Lactococcus lacti</i>] in a standard capture ELISA using ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/5,000 to 1/20,000 of the reconstitution concentration is suggested. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Beta-phosphoglucomutase from <i>Lactococcus lacti</i> . Cross reactivity against Beta-phosphoglucomutase from other sources is unknown. Immunoelectrophoresis give a single precipitin arc against anti-peroxidase, anti-goat serum as well as purified and partially purified beta-phosphoglucomutase [<i>Lactococcus lacti</i>].
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	Do NOT add Sodium azide!