



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-HPr [JEL42] Bulk Size Ab03282-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** JEL42

**Alternative Name(s) of Target:** Histidine-containing phosphocarrier protein; ptsH; hpr; Phosphocarrier protein HPr; Histidine-containing protein

**UniProt Accession Number of Target Protein:** P0AA04

**Published Application(s):** ELISA

**Published Species Reactivity:** Escherichia coli

**Immunogen:**

**Specificity:** This antibody binds the histidine containing phosphocarrier protein of Escherichia coli. It is an 85 amino acid phosphocarrier protein which is component of phosphoenolpyruvate-dependent sugar phosphotransferase system (sugar PTS). This major carbohydrate active-transport system catalyzes the phosphorylation of incoming sugar substrates concomitantly with their translocation across the cell membrane.

**Application Notes:** This antibody can detect mutant histidine binding protein in crude extracts. It was also capable of inhibiting PTS sugar phosphorylation assays, but the antibody-HPr complex could still be phosphorylated by enzyme I (PMID: 2438269)

**Antibody First Published in:** Waygood et al. Characterization of mutant histidine-containing proteins of the phosphoenolpyruvate: sugar phosphotransferase system of Escherichia coli and Salmonella typhimurium. J Bacteriol. 1987 Jun; 169(6): 2810-2818. [PMID:2438269](#)

**Note on publication:** Describes the characterization of mutant HPr protein of E. coli using two different antibodies.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer

storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.