



## PRODUCT DATA SHEET

**Product:** Anti- $\beta$ -Galactosidase, Polyclonal

**Cat. No:** PC-216 (1.0 mg)

**Procedure:**

Rabbits were immunized with the beta-galactosidase from *E. coli*. After multiple immunizations in Freund's adjuvant, serum was collected. Antibodies were immunoaffinity-purified using purified beta-galactosidase immobilized on a solid phase.

**Specification:**

ELISA: Antibody specificity was verified by ELISA against wells containing 100  $\mu$ l antigen at a concentration of 10  $\mu$ g/ml. A 1:25,000 dilution of the antibody gave an OD = 1.0 in a 15 minute reaction using HRPO-conjugated Donkey anti-Rabbit at 1:15,000 and TMB as the substrate. Less than 2% reactivity with *E. coli*.

**Host:** Rabbit

**Format:**

Liquid. Antibody in PBS, pH 7.2 with 0.1% sodium azide.

**Storage and Stability:**

Store at +4°C.

**Applications and Suggested Dilutions:**

- ELISA
- Western blot: Use at 1:1,000-1:3,000.

The optimal dilution for a specific application should be determined by the researcher.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.