

Product Specification Sheet

Product: Affinity Purified Anti-Human Polo Kinase (Plk1) pT210 (Rabbit)

Code: 600-401-446

Lot #: 13221

Size: 100 µg

Physical State: Liquid (sterile filtered)

Antibody Concentration: 0.52 mg/ml (by UV absorbance at 280 nm)

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

Preservative: 0.01% (w/v) Sodium Azide

Storage Conditions: Store vial at -20° C prior to opening. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of opening.

Application Note(s): This affinity purified antibody has been tested for use in ELISA against the immunizing peptide. Reactivity in other immunoassays is unknown.

Recommended Dilutions: This product has been assayed by ELISA against 0.1 µg of the immunizing peptide. A 1:1,000 to 1:3,000 dilution of the antibody is recommended for this assay.

Purity and Specificity: This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase.

Immunogen: This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to aa 205-214 of Human Polo Kinase I (Plk1). Phosphorylation of Plk1 occurs on Thr210 for activation. Plk1 is involved in the mitotic spindle and mitosis and is associated with the phosphorylation of cyclin B₁. From the amino acid sequence it is suggested that cross reactivity may occur against Plk1 from Mouse and Rat and Drosophila.

Peptide sequence: G-E-R-K-K-pT-L-C-G-T

Note: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.