

**Certificate of Analysis**

**Product:** Anti-cdk4 (p34) Cyclin Dependent Kinase [Rabbit]

**Code:** 100-401-162

**Lot #** 3127

**Size:** 100 ul

**Physical State:** Liquid (sterile filtered)

**Protein Concentration:** 85 mg/ml (by Refractometry)

**Buffer:** None

**Stabilizer:** None

**Preservative:** 0.01% (w/v) Sodium Azide

**Application(s):** Suitable for ELISA, immunoprecipitation, immunoblotting and other immunological methods requiring high titer and specificity.

<b>Recommended Dilution(s):</b>	<b>ELISA</b>	1:500 - 1:2,000
	<b>WESTERN BLOT</b>	1:200 - 1:500
	<b>IMMUNOHISTOCHEMISTRY</b>	User Optimized
	<b>OTHER APPLICATIONS</b>	User Optimized

**Storage Conditions:** Store vial at -20° C or below prior to opening. Dilute only prior to immediate use. Aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is six (6) months from date of opening product.

**Purity and Specificity:** This product was prepared from monospecific antiserum by delipidation and defibrination. Antiserum will specifically react with a 34 kDa cdk4 (p34) protein from human, rat and mouse tissue. No reaction was observed against other related cyclin dependent kinases. Cross reactivity with cdk4 (p34) from other species has not been determined.

**Immunogen:** cdk4 (p34) peptide corresponding to the C-terminus of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).

**Reference(s):**

Meyerson, M., Enders, G.H., Su, L.K., Gorka, C., Nelson, C., Harlow, E. and Tsai, L.H. (1992) A family of cdc2-related protein kinases. *EMBO J.* 11; 2909-2917.

**USDA Certification:** All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation.

**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.