

Certificate of Analysis**Product:** Anti-Cyclin E [Rabbit]**Code:** 100-401-156**Lot #** 21117**Size:** 100 µl**Physical State:** Liquid (sterile filtered)**Protein Concentration:** 70 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.

Recommended Dilution(s):	ELISA	1:100,000
	WESTERN BLOT	1:2,000 - 1:10,000
	IMMUNOHISTOCHEMISTRY	User Optimized
	OTHER APPLICATIONS	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 45 kDa Cyclin E protein from human tissue. No reaction was observed against other related cyclins. Cross reactivity with Cyclin E from other species may also occur.**Immunogen:** KLH conjugated peptide corresponding to a region near the carboxy terminus of human Cyclin E.**Reference(s):**Koff, A., Cross, F., Fisher, A., Schumaker, J., Leguellec, K., Philippe, M. and Roberts, J.M. (1991) Human cyclin E, a new cyclin that interacts with two members of the CDC2 gene family. *Cell* 66; 1217-1228.Koff, A., Giordano, A., Desai, D., Yamashita, K., Harper, J.W., Elledge, S., Nishimoto, T., Morgan, D.O., Franza, B.R. and Roberts, M. (1992) Formation and activation of a cyclin E-cdk2 complex during the G1 phase of the human cell cycle. *Science* 257; 1689-1694.Claudio, P.P., De Luca, A., Howard, C.M., Baldi, A., Firpo, E.J., Koff, A., Paggi, M.G. and Giordano, A. (1996) Functional analysis of pRb/p130 intereaction with cyclins. *Cancer Res.* 56; 2003-2008.**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. 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. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 326, Gilbertsville, Pennsylvania, USA.