

Product Specification Sheet

Product: Anti-Cyclin A [Rabbit]

Code: 100-401-151

Lot # 3124

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.

Recommended Dilution(s): This product was assayed by immunoblot and found to be reactive against Cyclin A at a dilution of 1:250 to 1:500 followed by reaction with Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302. Anti-Cyclin A is suitable for the detection by immunoblot of human, rat and mouse Cyclin A. Suggested dilutions for ELISA are 1:500 to 1:2,000. Optimal titers for other applications should be determined by the researcher.

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 60 kDa Cyclin A protein from human, rat and mouse tissue. No reaction was observed against other related cyclins. Cross reactivity with Cyclin A from other species may also occur.

Immunogen: Full length synthetic polypeptide corresponding to the human gene sequence.

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.

Reference(s):

Giordano, A., Whyte, P., Harlow, E., Franza, B., Beach D. and Draetta, G. (1989) A 60 kd cdc-2 associated polypeptide complexes with the E1A proteins of adenovirus-infected cells. *Cell* 58; 981-990.

Wang, J., Chenivesse, X., Henglein, B., and Brechot, C. (1990) Hepatitis B virus integration in a cyclin A gene in hepatocellular carcinoma. *Nature* 343; 555-557.

Pines, J. and Hunter, T. (1990) Human cyclin A is adenovirus E1A-associated protein p60 and behaves differently from cyclin B. *Nature* 346; 760-763.