

## Basic Information

<b>Product Name</b>	Anti-Cyclin A2/CCNA2 Antibody (Clone#HOD-3)		
<b>Gene Name</b>	CCNA2		
<b>Source</b>	Rabbit		
<b>Clonality</b>	Monoclonal		
<b>Isotype</b>	IgG		
<b>Species Reactivity</b>	human		
<b>Tested Application</b>	WB, IHC, IP		
<b>Contents</b>	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.		
<b>Immunogen</b>	A synthesized peptide derived from human Cyclin A1/A2		
<b>Concentration</b>	500 ug/ml		
<b>Purification</b>	Affinity-chromatography		
<b>Observed MW</b>	55 kDa		
<b>Dilution Ratios</b>	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC):1:50-200 ImmunoPrecipitation (IP): 1:20		

## Storage

12 months from date of receipt, -20°C as supplied.

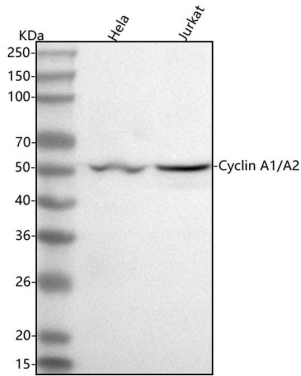
## Background Information

The mammalian A-type cyclin family consists of 2 members, cyclin A1(CCNA1) and cyclin A2(CCNA2). Human cyclin A gene is assigned to 4q26-q27. Cyclin A protein is synthesized and localized into the nucleus at the onset of S phase in nontransformed mammalian fibroblasts.

## Reference

Anti-Cyclin A2/CCNA2 Antibody (Clone#HOD-3)被引用在6文献中。

## Selected Validation Data

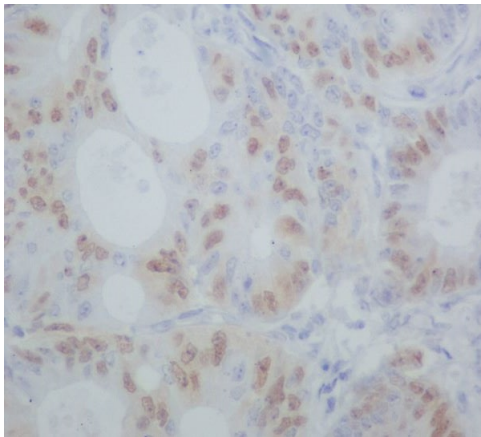


Western blot analysis of anti-Cyclin A2/CCNA2 antibody (BM4674). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Hela whole cell lysates,

Lane 2: human Jurkat whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-Cyclin A2/CCNA2 antigen affinity purified monoclonal antibody (BM4674) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Cyclin A2/CCNA2 at approximately 55 kDa. The expected band size for Cyclin A2/CCNA2 is at 49, 52 kDa.



Immunohistochemical analysis of paraffin-embedded human colon cancer, using Cyclin A1/A2 Antibody.