10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Cyclin B1 CCNB1 Rabbit Monoclonal Antibody

Catalog # ABO13973

Specification

Anti-Cyclin B1 CCNB1 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IHC, IF, ICC, FC**
Primary Accession	P14635
Host	**Rabbit**
Isotype	**Rabbit IgG**
Reactivity	**Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-Cyclin B1 CCNB1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse.

Anti-Cyclin B1 CCNB1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 891

Other Names
G2/mitotic-specific cyclin-B1, CCNB1, CCNB

Calculated MW
48337 MW KDa

Application Details
WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200
FC 1:100

Subcellular Localization
Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome.

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human Cyclin B1

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-Cyclin B1 CCNB1 Rabbit Monoclonal Antibody - Protein Information

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Name CCNB1

Synonyms CCNB

Function
Essential for the control of the cell cycle at the G2/M (mitosis) transition.

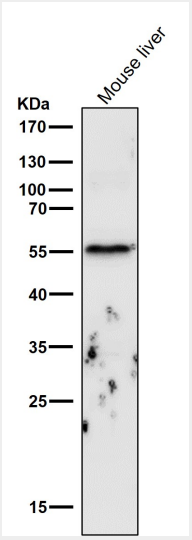
Cellular Location
Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

Anti-Cyclin B1 CCNB1 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Cyclin B1 CCNB1 Rabbit Monoclonal Antibody - Images



All lanes use the Antibody at 1:6k dilution for 1 hour at room temperature.

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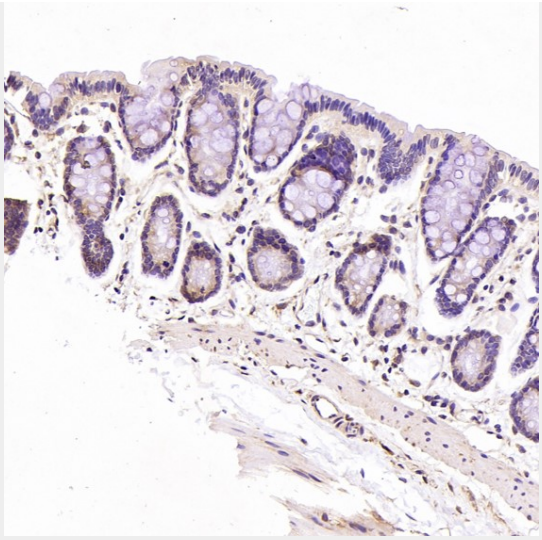
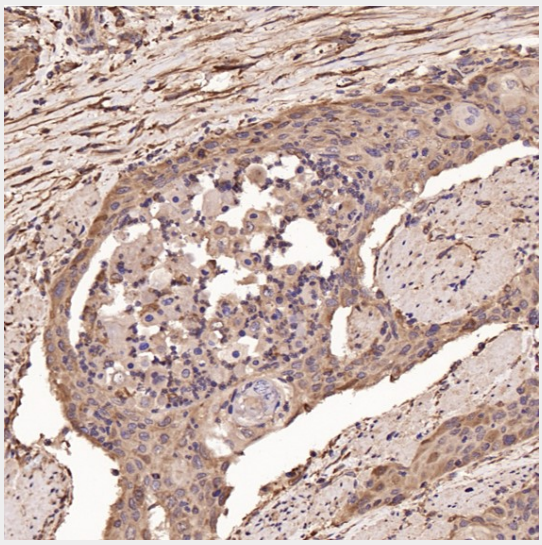
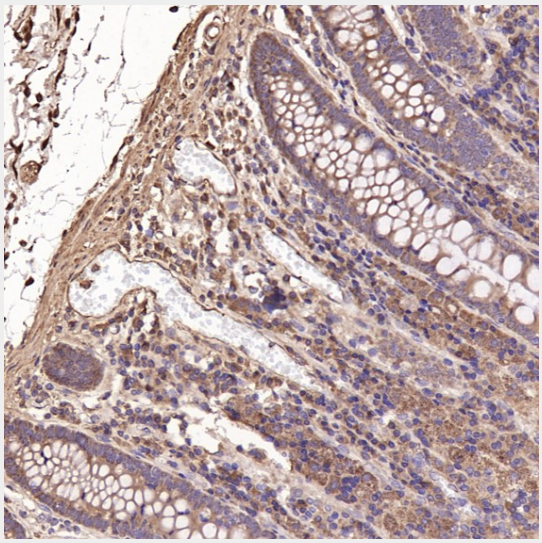


Immunohistochemical analysis of paraffin-embedded Rat stomach, using the Antibody at 1:200 dilution.



Immunohistochemical analysis of paraffin-embedded Human esophageal carcinoma, using the Antibody at 1:500 dilution.



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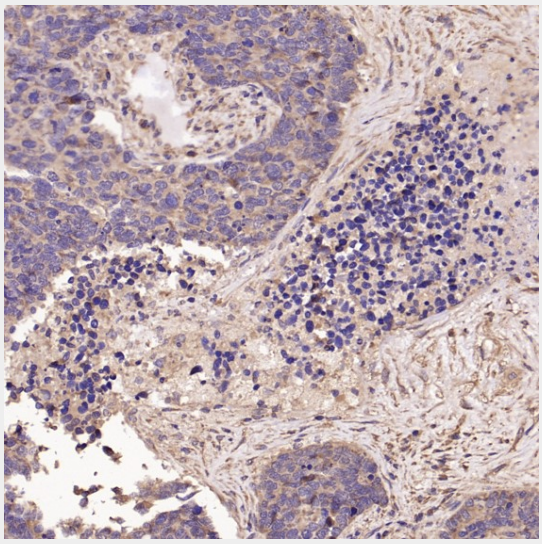
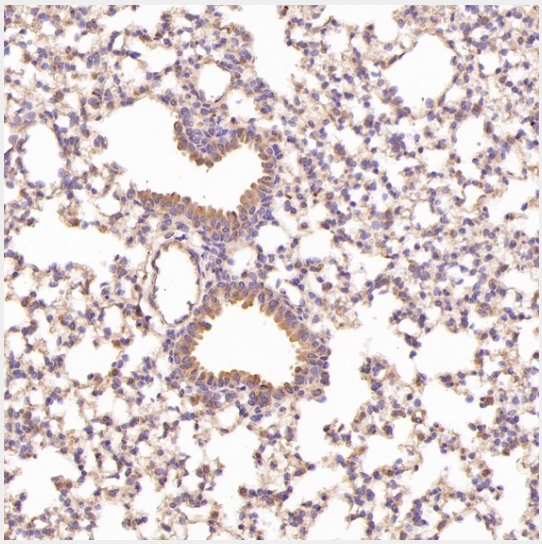
Immunohistochemical analysis of paraffin-embedded Human colon, using the Antibody at 1:500 dilution.



Immunohistochemical analysis of paraffin-embedded Human lung large cell cancer, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse lung, using the Antibody at 1:200 dilution.

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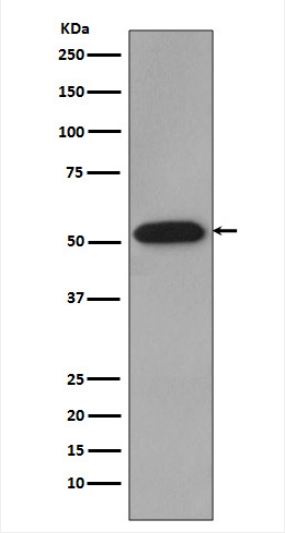
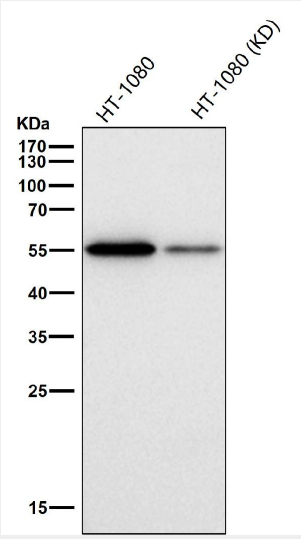
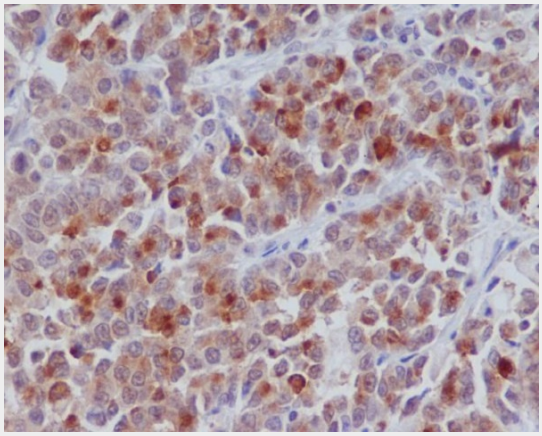


Western blot analysis of Cyclin B1 expression in HeLa cell lysate.



All lanes use the Antibody at 1:1k dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded human colon cancer, using Cyclin B1 Antibody.

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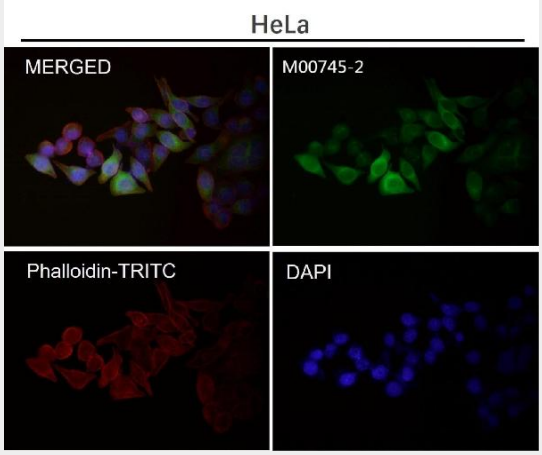
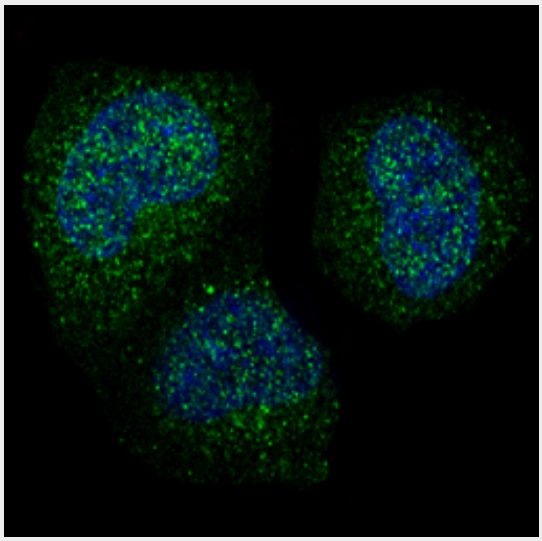


Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis of Hela cells, using Cyclin B1 Antibody.