

Anti-Cyclin A1/A2 Rabbit Monoclonal Antibody

Catalog # ABO14126

Product Information

Application	WB, IHC, IP
Primary Accession	P20248/P78396
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Cyclin A1/A2 Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human.

Additional Information

Calculated MW	48551 Da
Application Details	WB 1:500-1:1000 IHC 1:100-1:500 IP 1:50
Subcellular Localization	Nucleus. Cytoplasm. Cytoplasmic when associated with SCAPER.
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.
Clone Names	Clone: HOD-3
Immunogen	A synthesized peptide derived from human Cyclin A1/A2
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.

Protein Information

Images

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

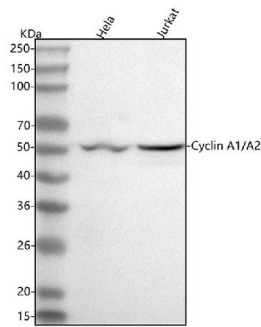
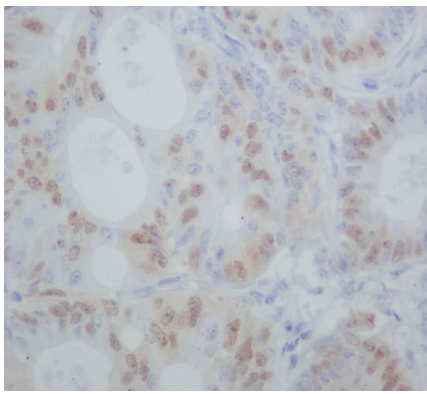


Figure 1. Western blot analysis of Cyclin A1/A2 using anti-Cyclin A1/A2 antibody (M00700).

Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. 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 nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Cyclin A1/A2 antigen affinity purified monoclonal antibody (Catalog # M00700) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for Cyclin A1/A2 at approximately 55 kDa. The expected band size for Cyclin A1/A2 is at 49 kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.