

Rabbit anti-Human Cyclin B1 Monoclonal Antibody

Cyclin B1 (RM281)

CATALOG # AAA59402	HOST Rabbit	REACTIVITY Human
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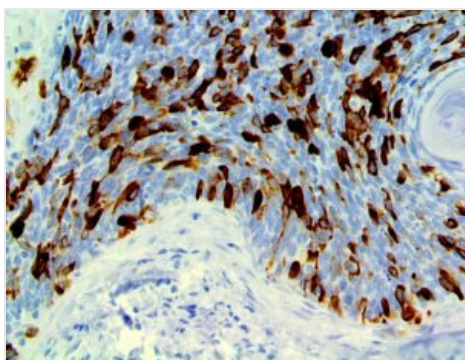
PRODUCT SYNONYMS

Cyclin B1; Monoclonal Antibody; Cyclin B1 (RM281); CCNB1; anti-cyclin B1; anti cyclin B1; anti-CCNB1; anti CCNB1; CCNB; cyclin B1; G2 mitotic specific cyclin B1; anti-Cyclin B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	RM281
Form/Format	Paraffin, Frozen Cyclin B1 is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Immunogen	A peptide corresponding to Cyclin B1.
Control	Cervix, HSIL Cervix
Localization	Cytoplasmic
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)

Cyclin B1 Antibody Immunohistochemistry on an FFPE Anal Carcinoma Tissue

Antibody Type	Dilution	Volume/Qty
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:100-1:500	0.1 ml
Concentrated	1:100-1:500	0.5 ml
Concentrated	1:100-1:500	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-Cyclin B1 antibody	Cyclin B1 is a regulatory protein involved with mitosis. It complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Cyclin B1 contributes to the switch-like all or none behavior of the cell in deciding to commit mitosis. Its activation is well regulated, and positive feedback loops ensure that once the cyclin B1-Cdk1 complex is activated it is not deactivated. Cyclin B1-Cdk1 is involved in the early events of mitosis, such as chromosome condensation, nuclear envelope breakdown, and spindle pole assembly. Before mitosis almost all cyclin B1 in the cell is located in the cytoplasm, but in late prophase it relocates to the nucleus. At the end of mitosis, cyclin B1 is targeted for degradation by the APC through its APC localization sequence, permitting the cell to exit mitosis. Cyclin B1 antibody overexpression has been detected in various tumor types.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyclin-b1-antibody-clone-rm281-elisa/59402>