

Mouse anti-Human Cyclin E Monoclonal Antibody | anti-CCNE1 antibody

Cyclin E (G1/S-Phase Cyclin) Recombinant Mouse Monoclonal Antibody [Clone rCCNE1/4936]

CATALOG # AAA216025	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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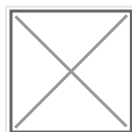
PRODUCT SYNONYMS

Cyclin E; Monoclonal Antibody; Cyclin E (G1/S-Phase Cyclin) Recombinant Mouse Monoclonal Antibody [Clone rCCNE1/4936]; Cyclin E (G1/S-Phase Cyclin); CCNE1; Cyclin E1; G1/S-specific cyclin-E1; anti-CCNE1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	rCCNE1/4936
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CCNE1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant human Cyclin E (CCNE1) protein fragment (around aa 10-176) (exact sequence is proprietary)
Cellular Localization	Nuclear
Positive Control	Jurkat, HCT116 or HeLa cells. Human breast or colon carcinoma.
Hu-chromosome Location	19q12
Unigene	244723
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human breast carcinoma stained with Cyclin E Recombinant Mouse Monoclonal Antibody (rCCNE1/4936).

ADDITIONAL INFORMATION

Related Product Information for anti-CCNE1 antibody	Cyclin E belongs to the highly conserved cyclin family, whose members exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. Cyclins function as regulators of CDK kinases. Cyclin E forms a complex with and functions as a regulatory subunit of CDK2, whose activity is required for cell cycle G1/S transition. Cyclin E accumulates at the G1-S phase boundary and is degraded as cells progress through S phase. Cyclin E overexpression has been observed in many tumors, which results in chromosome instability, and thus may contribute to tumorigenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	898
Molecular Weight	53kDa

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-e-antibody-clone-ccne1-4936-immunohistochemistry-western-blot-elisa/216025>