For Research Use Only

Cyclin E2 Recombinant antibody, PBS Only

Catalog Number:85803-3-PBS

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Basic Information

Catalog Number:
85803-3-PBS

Concentration:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2532

GenBank Accession Number:
BC020729

GeneID (NCBI):
9134

UNIPROT ID:
O96020

Full Name:
cyclin E2

Calculated MW:
374 aa, 44 kDa

Observed MW:
44 kDa

Purification Method:
Protein A purification

CloneNo.:
243114A3

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Cyclin E2 (CCNE2) belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout the cell cycle. Cyclins function as regulators of cyclindependent kinases (CDKs). Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of cell cycle events. CCNE2 forms a complex with and functions as a regulatory subunit of CDK2 and has been shown to specifically interact with CIP/KIP family of CDK inhibitors. CCNE2 plays a role in cell cycle G1/S transition and its expression peaks at the G1-S phase. Whereas cyclin E1 is expressed in most proliferating normal and tumor cells, cyclin E2 levels are low or undetectable in nontransformed cells, and are elevated in tumor-derived cells.

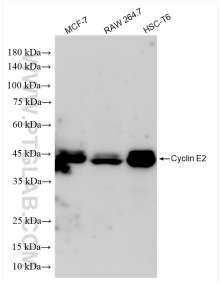
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85803-3-RR (Cyclin E2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85803-3-PBS in a different storage buffer formulation.