Phospho-Cyclin E1(T77) Rabbit mAb

Catalog No: #13405

Package Size: #13405-1 50ul #13405-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

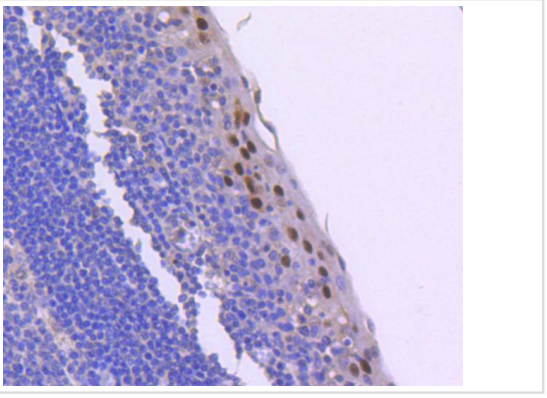
Description

Product Name	Phospho-Cyclin E1(T77) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SD2025
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Thr77 of human Cyclin E1.
Other Names	CCNE antibody Ccne1 antibody CCNE1_HUMAN antibody cyclin E variant ex5del antibody cyclin E variant ex7del antibody Cyclin E1 antibody Cyclin Es antibody Cyclin Et antibody CyclinE antibody G1/S specific cyclin E antibody G1/S-specific cyclin-E1 antibody
Accession No.	Swiss-Prot#:P24864
Uniprot	P24864
GeneID	898;
Calculated MW	48 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

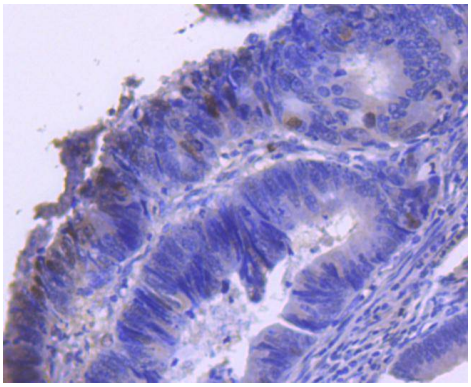
Application Details

WB: 1:1,000 IHC: 1:50-1:200ICC: 1:50-1:200

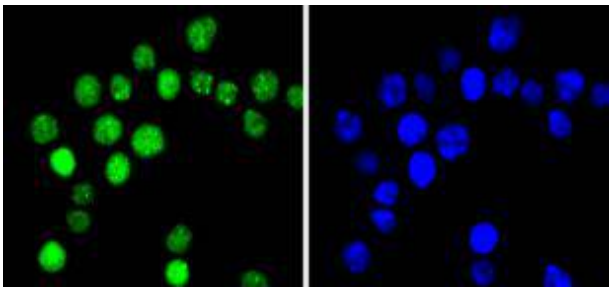
Images



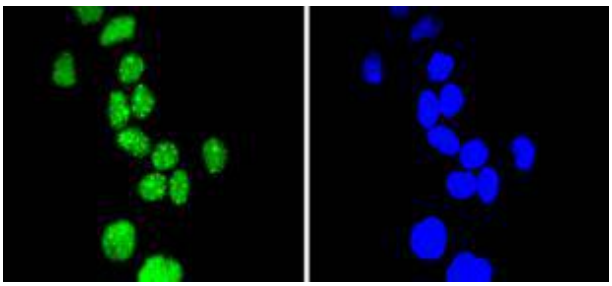
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Phospho-Cyclin E1(T77) antibody. Counter stained with hematoxylin.



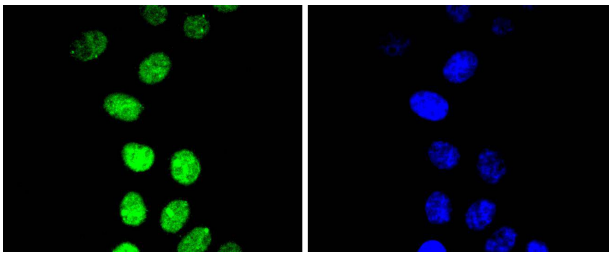
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Phospho-Cyclin E1(T77) antibody. Counter stained with hematoxylin.



ICC staining Phospho-Cyclin E1(T77) in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Phospho-Cyclin E1(T77) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Phospho-Cyclin E1(T77) in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Cyclins were first identified in invertebrates as proteins that oscillate dramatically through the cell cycle. These proteins have been well conserved through evolution and play a critical role in regulation of cell division. cyclin E, along with the three cyclin D proteins and cyclin C, has been shown to represent a putative G1 cyclin on the basis of its cyclic pattern of mRNA expression, with maximal levels being detected near the G1/S boundary. cyclin E has been found to be associated with the transcription factor E2F in a temporally regulated manner. The cyclin E/E2F complex is detected primarily during the G1 phase of the cell cycle and decreases as cells enter S phase. E2F is known to be a critical transcription factor for expression of several S phase specific proteins.

References

Note: This product is for in vitro research use only