

Product Datasheet

Cyclin E2 Antibody (40-89-R)

NBP3-32237

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Cyclin E2 Antibody (40-89-R)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	40-89-R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	47 kDa
Product Description	
Host	Mouse
Gene ID	9134
Gene Symbol	CCNE2
Species	Human
Immunogen	Synthetic peptide within Human Cyclin E2 aa 1-50 / 404. (Uniprot: O96020)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200-1:1000



Images

Western Blot: Cyclin E2 Antibody (40-89-R) [NBP3-32237] - Western blot analysis of Cyclin E2 on different lysates with Mouse anti-Cyclin E2 antibody (NBP3-32237) at 1/1,000 dilution.

Lane 1: HeLa cell lysate
Lane 2: Jurkat cell lysate
Lane 3: K-562 cell lysate
Lane 4: A549 cell lysate
Lane 5: MCF7 cell lysate
Lane 6: HEK-293 cell lysate
Lane 7: HepG2 cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 47 kDa
Observed band size: 51/47 kDa

Exposure time: 2 minutes;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32237) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1:150,000 dilution was used for 1 hour at room temperature.

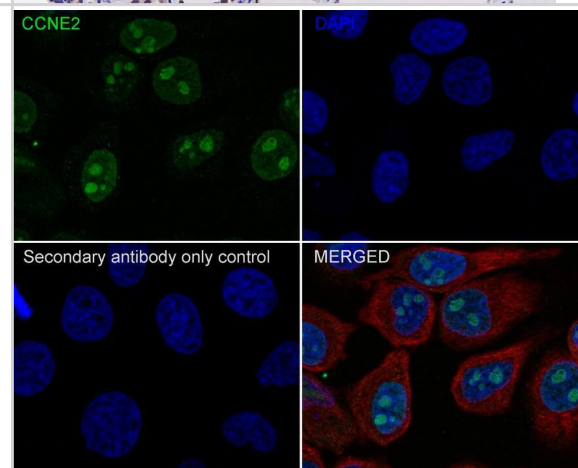
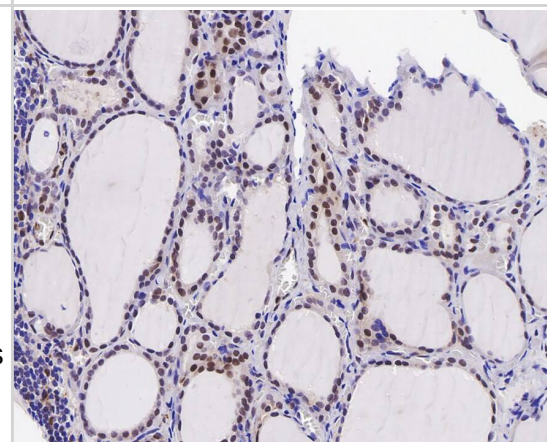
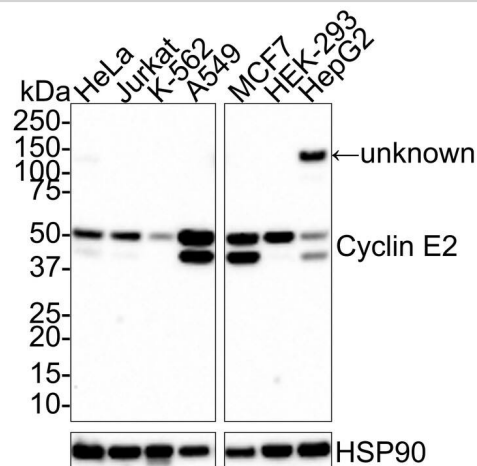
Immunohistochemistry: Cyclin E2 Antibody (40-89-R) [NBP3-32237] - Immunohistochemical analysis of paraffin-embedded human thyroid tissue with Mouse anti-Cyclin E2 antibody (NBP3-32237) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32237) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunocytochemistry/ Immunofluorescence: Cyclin E2 Antibody (40-89-R) [NBP3-32237] - Immunocytochemistry analysis of HeLa cells labeling Cyclin E2 with Mouse anti-Cyclin E2 antibody (NBP3-32237) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 30 minutes, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Mouse anti-Cyclin E2 antibody (NBP3-32237) at 1/100 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

beta Tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32237

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00009134-P01-10ug	Recombinant Human Cyclin E2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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