

Anti-Cyclin E2 CCNE2 Rabbit Monoclonal Antibody

Catalog # ABO13988

Specification

Anti-Cyclin E2 CCNE2 Rabbit Monoclonal Antibody - Product Information

Application Primary Accession Host Isotype Reactivity Clonality Format **Description** Anti-Cyclin E2 CCNE2 WB, IHC, IF, ICC, FC <u>096020</u> Rabbit Rabbit IgG Human, Mouse Monoclonal Liquid

Anti-Cyclin E2 CCNE2 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse.

Anti-Cyclin E2 CCNE2 Rabbit Monoclonal Antibody - Additional Information

Gene ID 9134

Other Names G1/S-specific cyclin-E2, CCNE2

Calculated MW 46757 MW KDa

Application Details WB 1:500-1:1000
IHC 1:50-1:200
ICC/IF 1:100-1:500
FC 1:20

Subcellular Localization Nucleus.

Tissue Specificity

According to PubMed:9858585, highest levels of expression in adult testis, thymus and brain. Lower levels in placenta, spleen and colon. Consistently elevated levels in tumor- derived cells compared to non-transformed proliferating cells. According to PubMed:9840927: low levels in thymus, prostate, brain, skeletal muscle, and kidney. Elevated levels in lung. According to PubMed:9840943 highly expressed in testis, placenta, thymus and brain. In a lesser extent in small intestine and colon.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen A synthesized peptide derived from human Cyclin E2

Purification Affinity-chromatography



Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Cyclin E2 CCNE2 Rabbit Monoclonal Antibody - Protein Information

Name CCNE2

Function Essential for the control of the cell cycle at the late G1 and early S phase.

Cellular Location Nucleus.

Tissue Location

According to PubMed:9858585, highest levels of expression in adult testis, thymus and brain. Lower levels in placenta, spleen and colon. Consistently elevated levels in tumor-derived cells compared to non-transformed proliferating cells. According to PubMed:9840927: low levels in thymus, prostate, brain, skeletal muscle, and kidney. Elevated levels in lung. According to PubMed:9840943 highly expressed in testis, placenta, thymus and brain. In a lesser extent in small intestine and colon.

Anti-Cyclin E2 CCNE2 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-Cyclin E2 CCNE2 Rabbit Monoclonal Antibody - Images





Western blot analysis of Cyclin E2 expression in HeLa cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma, using Cyclin E2 Antibody.



Immunofluorescent analysis of Hela cells, using Cyclin E2 Antibody.