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Product datasheet for TA322713

Cyclin B2 (CCNB2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 10-50 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 45-58 amino acids of Human G2/mitotic-specific cyclin-B2
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cyclin B2
Database Link:	NP_004692 Entrez Gene 9133 Human O95067
Background:	Cyclin B2 is a member of the cyclin family; specifically the B-type cyclins. The B-type cyclins; B1 and B2; associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules; whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control.
Synonyms:	HsT17299

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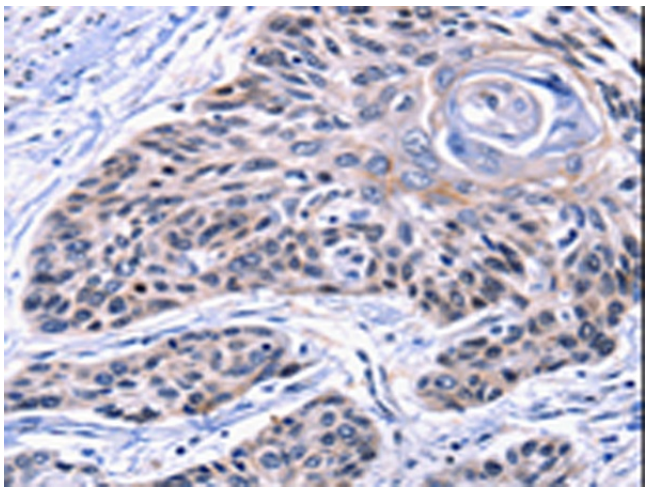
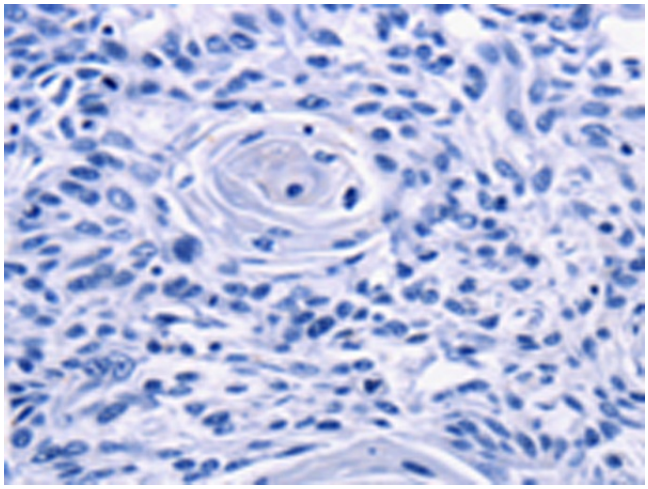
Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Cell cycle, Oocyte meiosis, p53 signaling pathway, Progesterone-mediated oocyte maturation

Product images:



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA322713 (CCNB2 Antibody) at dilution 1/10 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA322713 (CCNB2 Antibody) at dilution 1/10, treated with synthetic peptide. (Original magnification: ×200)