

Rabbit anti-Cyclin D1 antibody, clone SQab20217 (monoclonal)

Clone no. SQab20217

MONOSAN

Product name	Rabbit anti-Cyclin D1 antibody, clone SQab20217 (monoclonal)
Host	Rabbit
Applications	IHC-P, WB
Species reactivity	Human
Conjugate	-
Immunogen	Synthetic peptide within aa. 200-295 of Human Cyclin D1.
Isotype	-
Clonality	Monoclonal
Clone number	SQab20217
Size	100 ul
Concentration	n/a
Format	Purification with Protein A.
Storage buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Rabbit anti-Cyclin D1 antibody, clone SQab20217 (monoclonal)

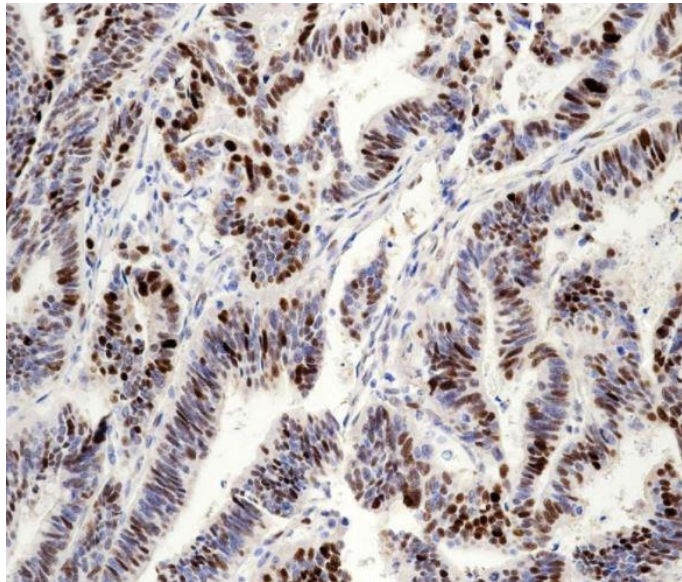
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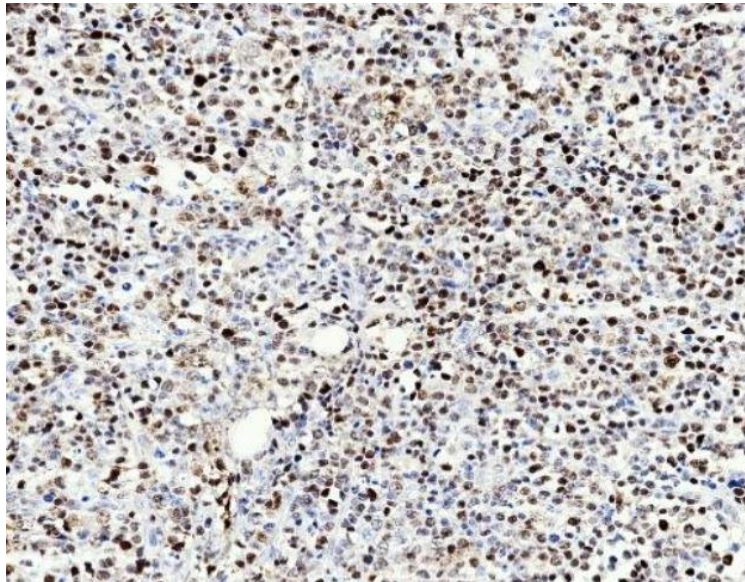
Additional info

Application note: IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C - 25°C) for 30 minutes.* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. Background: The protein encoded by this gene 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 CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with tumor suppressor protein Rb and the expression of this gene is regulated positively by Rb. Mutations, amplification and overexpression of this gene, which alters cell cycle progression, are observed frequently in a variety of human cancers. [provided by RefSeq, Dec 2019]

Images



Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human colon cancer tissue. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). The tissue section was stained with anti-Cyclin D1 antibody [SQab20217].



Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human mantle cell lymphoma. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). The tissue section was stained with anti-Cyclin D1 antibody [SQab20217].

References

1. -
2. -
3. -
4. -
5. -

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