Recombinant Cyclin D2 Monoclonal Antibody

catalog number: **AN301830L**

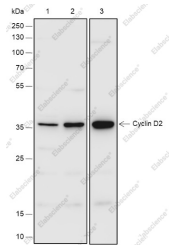
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat
Immunogen	Recombinant human Cyclin D2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C721452
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IHC	1:100-1:1000

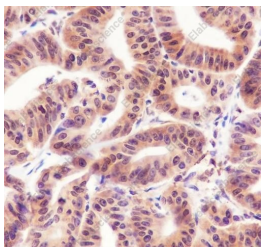
Data



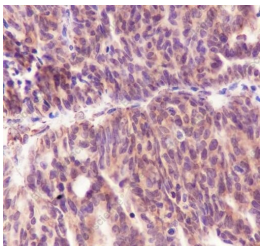
Western Blot with Cyclin D2 Monoclonal Antibody at dilution of 1:10000. Lane 1: HEK-293, Lane 2: HeLa, Lane 3: Caco-2

Observed-MW:36 kDa

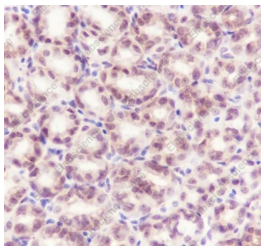
Calculated-MW:33 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using Cyclin D2 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human ovarian cancer using Cyclin D2 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Rat stomach using Cyclin D2 Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Cyclin D2 (CCND2) belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. CCND2 forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. CCND2 has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. High level expression of CCND2 was observed in ovarian and testicular tumors.

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