

Recombinant Cyclin D2 Monoclonal Antibody

catalog number: **AN301830L**

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

Description

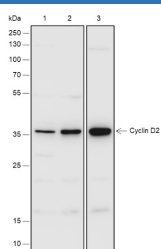
Reactivity	Human;Rat
Immunogen	Recombinant human Cyclin D2 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C721452
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:2000-1:10000
IHC	1:100-1:1000

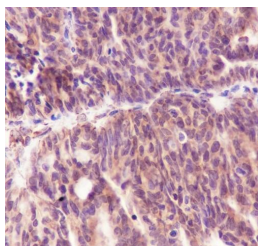
Data



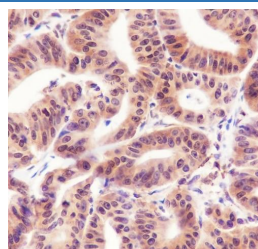
Western Blot with Cyclin D2 Monoclonal Antibody at dilution of 1:10000. Lane 1: HEK-293, Lane 2: HeLa, Lane 3: Caco-2

Observed-MW:36 kDa

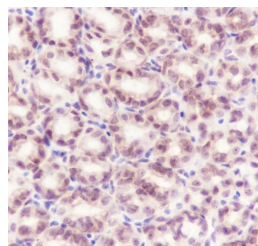
Calculated-MW:33 kDa



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



Immunohistochemistry of paraffin-embedded Human colon 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

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2

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.