

anti- Cyclin D1 antibody

Product Information

Catalog No.:	FNab10467
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

CCND1(cyclin D1), also known as PRAD1 or BCL1, belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout the cell cycle. CCND1 forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. The CCND1 gene, located on 11q13 has been reported to be overexpressed in mantle cell lymphoma(MCL) due to the chromosomal translocation. CCND1 has been shown to interact with tumor suppressor protein Rb and the expression of this gene is regulated positively by Rb. Over-expression of CCND1 is known to correlate with the early onset of cancer and risk of tumor progression and metastasis.

Immunogen information

Immunogen:	cyclin D1
Synonyms:	B cell lymphoma 1 protein, CCND1, cyclin D1, D11S287E, G1/S specific cyclin D1, PRAD1, PRAD1 oncogene, U21B31
Observed MW:	36 kDa
Uniprot ID :	P24385

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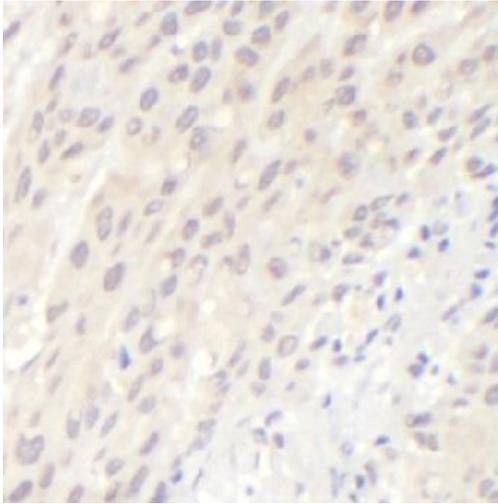
Application

Reactivity: Human, Mouse

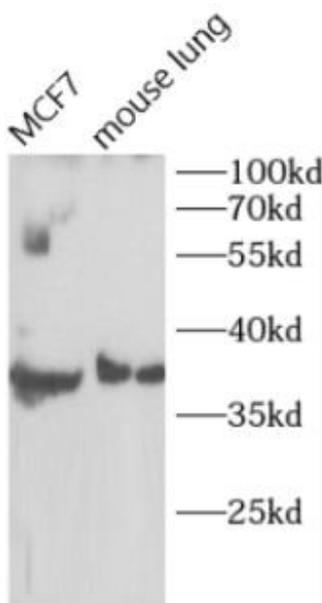
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human esophagus using FNab10467(cyclin D1 antibody) at dilution of 1:100



various lysates were subjected to SDS PAGE followed by western blot with FNab10467(Cyclin D1 Antibody) at dilution of 1:1000

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