Cyclin B1 Polyclonal Antibody

Catalog Number:E-AB-70114   4 Publications

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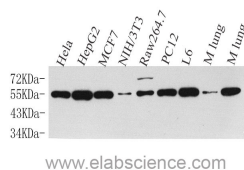
Description

Reactivity	Human,Mouse,Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Cyclin B1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications — Recommended Dilution

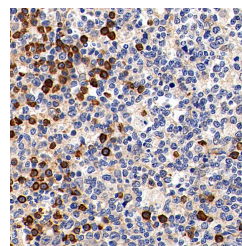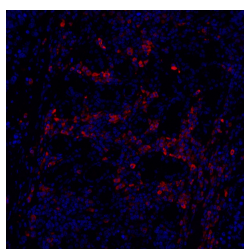| Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:300-1:500
IF	1:100-1:300

Data

Western Blot analysis of various samples using Cyclin B1 Polyclonal Antibody at dilution of 1:500.
Observed Mw:55kDa
Calculated Mw:55kDa

Immunohistochemistry analysis of paraffin-embedded Human tonsil using Cyclin B1 Polyclonal Antibody at dilution of 1:300.

Immunofluorescence analysis of paraffin-embedded Human lung cancer using Cyclin B1 Polyclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

G2/mitotic-specific cyclin-B1 is a protein that in humans is encoded by the CCNB1 gene. The protein encoded by this

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gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites.