

Cyclin B1(Ab-147) Antibody

Catalog No: #21540



Package Size: #21540-1 50ul #21540-2 100ul #21540-4 25ul

Overview

Product Name	Cyclin B1(Ab-147) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Human
Immunogen Type	Peptide-KLH
Target Name	Cyclin B1

Application Details

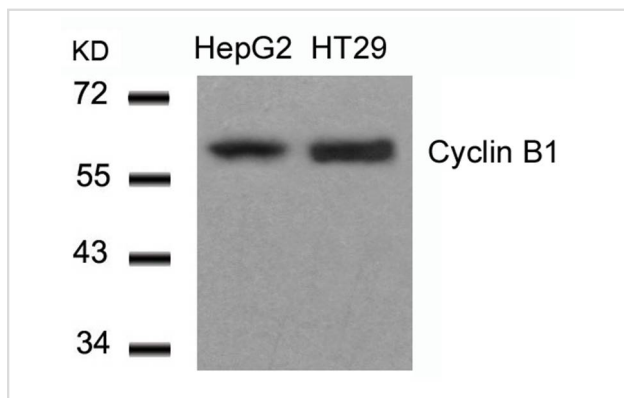
Predicted MW: 60kd

Western blotting: 1:500~1:1000

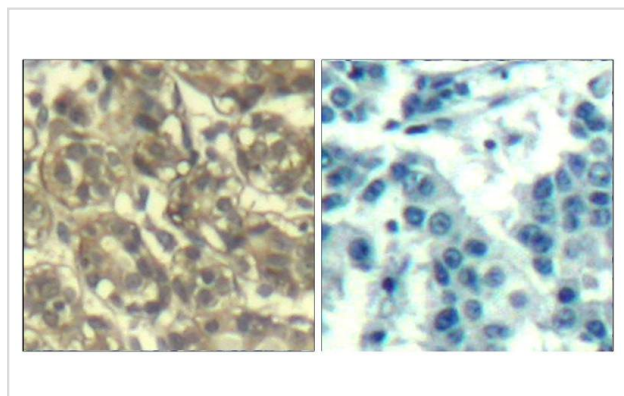
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

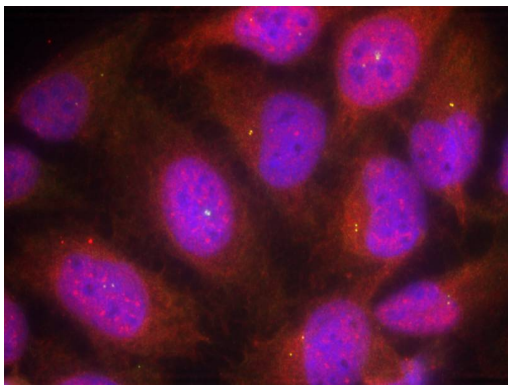
Images



Western blot analysis of extracts from HepG2 and HT29 cells using Cyclin B1(Ab-147) Antibody #21540.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Cyclin B1(Ab-147) Antibody #21540(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using Cyclin B1(Ab-147) Antibody #21540.

Descriptions

Immunogen	Peptide sequence around aa.145~149 (A-F-S-D-V) derived from Human Cyclin B1.
Specificity	The antibody detects endogenous level of total Cyclin B1 protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P14635NCBI Protein: NP_114172.1

Related Information

The protein encoded by Cyclin B1 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.

Norbury, C. and Nurse, P. (1992) *Annu. Rev. Biochem.* 61, 441-470.

Atherton-Fessler, S. et al. (1993) *Mol. Cell. Biol.* 13, 1675-1685.

Galaktionov, K. et al. (1995) *Genes Dev.* 9, 1046-1058.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.