

Datasheet

CDKN1B monoclonal antibody (M01), clone 4B4-E6

Catalog Number: H00001027-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant CDKN1B.

Clone Name: 4B4-E6

Immunogen: CDKN1B (AAH01971, 1 a.a. ~ 198 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MSNVRVSNQSPSLERMDARQAEHPKPSACRNLFQPV
DHEELTRDLEKHCRDMEEASQRKWNFDQNHKPLEG
KYEWQEVEKGSLEPFYRPPRPPKGACKVPAQESQD
GSGSRPAAPLIGAPANSEDTLHVDPKTDPSDSQTGLA
EQCAGIRKRPATGDSSTQNKRRANRTEENVSDGSPNA
GSVEQTPKKPGLRRRQT

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, PLA-Ce, S-ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1027

Gene Symbol: CDKN1B

Gene Alias: CDKN4, KIP1, MEN1B, MEN4, P27KIP1

Gene Summary: This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. [provided by RefSeq]