Recombinant CDK2 Monoclonal Antibody

catalog number: **E-AB-81426**

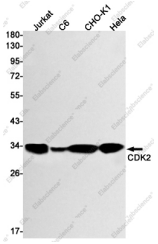
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat;Hamster
Immunogen	A synthetic peptide of human Cdk2
Host	Rabbit
Isotype	Rabbit IgG
Clone	C713212
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:1000-1:2000
IHC	1:50-1:100
IF	1:20-1:100

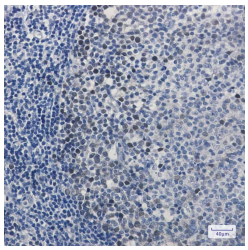
Data



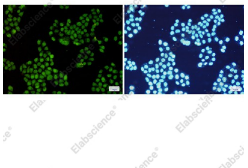
Western blot detection of CDK2 in Jurkat,C6,CHO-K1,Hela cell lysates using CDK2 Rabbit mAb(1:1000 diluted).Predicted band size:34kDa.Observed band size:34kDa.

Observed-MW:34 kDa

Calculated-MW:34 kDa



Immunohistochemistry of Cdk2 in paraffin-embedded Human tonsil using Cdk2 Rabbit mAb at dilution 1:100



Immunofluorescence of CDK2(green) in Hela cells using CDK2 Rabbit mAb at dilution 1:200, and DAPI(blue)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

CDK2(Cyclin-dependent kinase 2) is also named as CDKN2 and belongs to the protein kinase superfamily,CMGC Ser/Thr protein kinase family,CDC2/CDKX subfamily.It is involved in the control of the cell cycle; essential for meiosis,but dispensable for mitosis.It has 2 isoforms produced by alternative splicing.