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Anti-CDK6 Rabbit mAb [04C54]

Catalog No.: A52074

Basic Information

Catalog No. (Cat.No.)	A52074
Host species	Rabbit
Reactivity	Human
Applications	WB,IHC,IF,ELISA
Synonyms	CDK6,bep-1,DFT1,MTS1,BLCDF4

Product Information

Target	CDK6
Molecular Weight(Calculated)	37 kDa
Molecular Weight(Observed)	37 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	04C54
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Cyclin-dependent kinase 6
Gene Name	*CDK6*
Domain	NA
Background	CDK6 (Cyclin-dependent kinase 6) belongs to cyclin-dependent kinase family and modulates G1-phase progression as well as cell proliferation and differentiation. CDK6 is activated upon binding to Cyclin D, phosphorylates Rb tumor suppressor and liberates E2F transcription factors to push cells past G1 checkpoint toward S-phase. Beyond cell-cycle control, nuclear-localized CDK6 directly shapes transcriptional programs and regulates hematopoietic-cell differentiation. CDK6 amplification and hyper-activation are frequently observed in hematological malignancies and selected solid tumors to fuel oncogenic proliferation.