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39-1021: Anti-Cdk7/CAK Monoclonal Antibody (Clone: MO-1.1)

Clonality :	Monoclonal
Clone Name :	MO-1.1
Application :	WB,IHC-F,ICC
Reactivity :	Human
Gene :	CDK7
Gene ID :	1022
Uniprot ID :	P50613
Alternative Name :	Cyclin-dependent kinase 7; 2.7.11.22; 2.7.11.23; 39 protein kinase; P39 Mo15; CDK-activating kinase 1; Cell division protein kinase 7; TFIIH basal transcription factor complex kinase subunit; Cdk7; Cak, Cak1
Isotype :	Mouse IgG2b
Immunogen Information :	Recombinant human Cdk7 protein.

Description

CDK-activating kinases(CAKs) are multisubunit proteins that phosphorylate and thus activate certain cyclin-dependent protein kinases in the regulation of cell cycle progression. Cyclin dependent kinase7(CDK7) gene is mapped to chromosome 2p15-cen. CDK7 functions in both cyclin binding and T-loop phosphorylation and that these 2 steps of CDK1 activation are mutually dependent.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.25ÃÂ¼g/ml; Immunohistochemistry(Frozen Section) : 0.5ÃÂ¼g/ml; Immunocytochemistry : 1ÃÂ¼g/ml