

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

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| 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

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| Amount : | 100 µg/vial |
| Purification : | Ascites |
| Content : | Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ 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 : 0.25µg/ml; Immunohistochemistry(Frozen Section) : 0.5µg/ml; Immunocytochemistry : 1µg/ml