

## Cdk7 Antibody [clone IMD-26] (R30021)

Catalog No.	Formulation	Size
R30021	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Ascites
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b
<b>Clone Name</b>	IMD-26
<b>Purity</b>	Ascites
<b>Gene ID</b>	1022
<b>Applications</b>	Western Blot : 0.25ug/ml IHC (Frozen) : 0.5ug/ml-formalin/acetone fixed tissues Immunocytochemistry : Suitable
<b>Limitations</b>	This Cdk7 antibody is available for research use only.



### 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. The Cyclin dependent kinase7 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.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Cdk7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Recombinant human protein was used as the immunogen for this Cdk7 antibody.

## Storage

After reconstitution, the Cdk7 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.