

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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Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	IMD-26
Purity	Ascites
Gene ID	1022
Applications	Western Blot : 0.25ug/ml IHC (Frozen) : 0.5ug/ml-formalin/acetone fixed tissues Immunocytochemistry : Suitable
Limitations	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.