

Mouse monoclonal antibody to Cyclin-dependent kinase 7 [IMD-26]: IgG

Catalogue No.:	M-1175-100
Description:	Cyclin-dependent kinase 7 (CDK7) belongs to the cyclin-dependent protein kinase family. CDK7 associates with cyclin H and MAT1 to form the trimeric CDK-activating kinase (CAK) complex. CAK activates cyclin-associated kinases such as CDK4 and CDK6 by threonine phosphorylation.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant human Cyclin-dependent kinase 7 (CDK7)
Clone:	IMD-26
Other Names:	Cell division protein kinase 7; CDK-activating kinase; CAK; CAK1; TFIIH basal transcription factor complex kinase subunit; 39 kDa protein kinase; P39 Mo15; STK1; CDK7; MO15; CDKN7; Serine threonine kinase Stk1;
Accession:	P50613 CDK7_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.25 ug/mL is recommended for WB. Human CDK7 has a predicted length of 346 residues and MW of 39 kDa. A concentration of 0.5 ug/mL is recommended to detect the protein in formalin/acetone fixed frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY