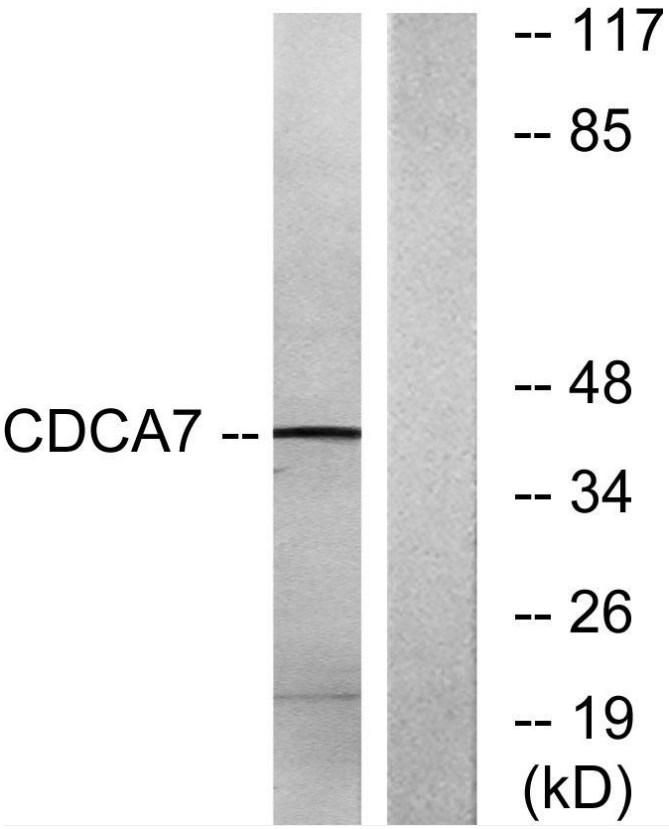
CdcA7 Monoclonal Antibody

Catalog No	BYmab-16694
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CDCA7
Protein Name	Cell division cycle-associated protein 7
Immunogen	The antiserum was produced against synthesized peptide derived from human CDCA7. AA range:141-190
Specificity	CdcA7 Monoclonal Antibody detects endogenous levels of CdcA7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDCA7; JPO1; Cell division cycle-associated protein 7; Protein JPO1
Observed Band	43kD
Cell Pathway	Nucleus. Cytoplasm. Predominantly nuclear with some expression also seen in the cytoplasm. Predominantly cytoplasmic when phosphorylated at Thr-163.
Tissue Specificity	Ubiquitous with higher level in thymus and small intestine. Overexpressed in a large number of tumors, in blood from patients with acute myelogenous leukemia (AML) and in chronic myelogenous leukemia (CML) blast crisis.
Function	function:Participates in MYC-mediated cell transformation; induces anchorage-independent growth and clonogenicity in lymphoblastoid cells. Insufficient to induce tumorigenicity when overexpressed but contributes to MYC-mediated tumorigenesis. May play a role as transcriptional regulator.,induction:Activated by MYC and possibly E2F1.,miscellaneous:CDCA7 expression is correlated with MYC expression in lymphoblastoid, lymphoma and breast cancer cell lines.,tissue specificity:Ubiquitous with higher level in thymus and small intestine. Overexpressed in a large number of tumors, in blood from patients with acute myelogenous leukemia (AML) and in chronic myelogenous leukemia (CML) blast crisis.,

Background	cell division cycle associated 7(CDCA7) Homo sapiens This gene was identified as a c-Myc responsive gene, and behaves as a direct c-Myc target gene. Overexpression of this gene is found to enhance the transformation of lymphoblastoid cells, and it complements a transformation-defective Myc Box II mutant, suggesting its involvement in c-Myc-mediated cell transformation. Two alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CdcA7 Monoclonal Antibody