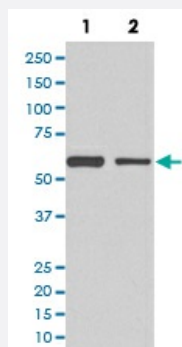


# CDK8 monoclonal antibody, clone GHF-3

Catalog # MAB19883      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of (1) HeLa cell lysate; (2) 3T3 cell lysate with CDK8 monoclonal antibody.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of human CDK8.
<b>Immunogen</b>	A synthetic peptide corresponding to human CDK8.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunoprecipitation (1:50) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage Instruction</b>	Store 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.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) HeLa cell lysate; (2) 3T3 cell lysate with CDK8 monoclonal antibody.

- Immunoprecipitation

## Gene Info — CDK8

Entrez GeneID	<a href="#">1024</a>
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Protein Accession#	<a href="#">P49336</a>
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Gene Name	CDK8
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Gene Alias	K35, MGC126074, MGC126075
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Gene Description	cyclin-dependent kinase 8
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Omim ID	<a href="#">603184</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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Gene Summary	The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of <i>Saccharomyces cerevisiae</i> cdc28, and <i>Schizosaccharomyces pombe</i> cdc2, and are known to be important regulators of cell cycle progression. This kinase and its regulatory subunit cyclin C are components of the RNA polymerase II holoenzyme complex, which phosphorylates the carboxy-terminal domain (CTD) of the largest subunit of RNA polymerase II. This kinase has also been shown to regulate transcription by targeting the CDK7/cyclin H subunits of the general transcription initiation factor IIH (TFIIH), thus providing a link between the 'Mediator-like' protein complexes and the basal transcription machinery. [provided by RefSeq]
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Other Designations	CDK8 protein kinase OTTHUMP00000018158 cell division protein kinase 8 protein kinase K35
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