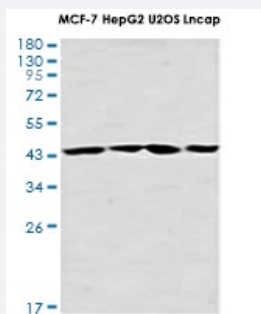


RecomAb™

# CDK9 recombinant monoclonal antibody, clone R08-4F6

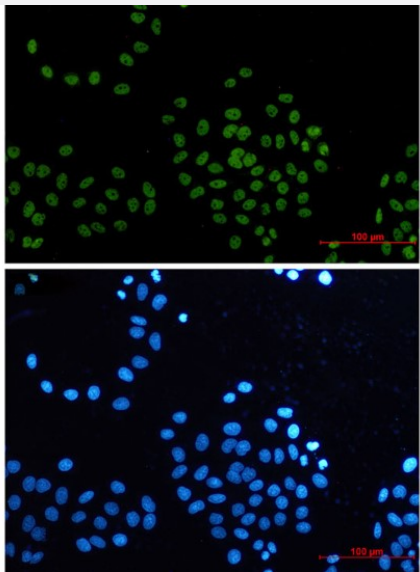
Catalog # RAB01473      Size 100 uL

## Applications



### Western Blot

Western blot analysis of Cdc37 in MCF-7, HepG2, U2OS, Lncap lysates using Cdc37 antibody.



### Immunocytochemistry

Immunocytochemistry staining of HeLa cells with CDK9 recombinant monoclonal antibody, clone R08-4F6 (Cat # RAB01473).

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human CDK9.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against recombinant protein corresponding to human CDK9.

Theoretical MW (kDa)	Calculated MW: 43 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to 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

Western blot analysis of Cdc37 in MCF-7, HepG2, U2OS, Lncap lysates using Cdc37 antibody.

- Immunocytochemistry

Immunocytochemistry staining of HeLa cells with CDK9 recombinant monoclonal antibody, clone R08-4F6 (Cat # RAB01473).

- Immunofluorescence

- Immunoprecipitation

## Gene Info — CDK9

Entrez GeneID	<a href="#">1025</a>
Protein Accession#	<a href="#">P50750</a>
Gene Name	CDK9

Gene Alias	C-2k, CDC2L4, CTK1, PITALRE, TAK
Gene Description	cyclin-dependent kinase 9
Omim ID	<a href="#">603251</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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>S. cerevisiae</i> cdc28, and <i>S. pombe</i> cdc2, and known as important cell cycle regulators. This kinase was found to be a component of the multiprotein complex TAK/P-TEFb, which is an elongation factor for RNA polymerase II-directed transcription and functions by phosphorylating the C-terminal domain of the largest subunit of RNA polymerase II. This protein forms a complex with and is regulated by its regulatory subunit cyclin T or cyclin K. HIV-1 Tat protein was found to interact with this protein and cyclin T, which suggested a possible involvement of this protein in AIDS. [provided by RefSeq]</p>
Other Designations	CDC2-related kinase OTTHUMP00000022198 cell division protein kinase 9 serine/threonine protein kinase PITALRE