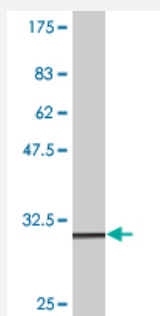


# PCAF monoclonal antibody (M12), clone 1C9

Catalog # H00008850-M12

Size 100 ug

## Applications



Western Blot detection against Immunogen (32.01 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full-length recombinant PCAF.
<b>Immunogen</b>	PCAF (NP_003875, 367 a.a. ~ 432 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	QDFLSASSRTSQLGIQTVINPPPVAGTISYNSTSSSSLEQPNAGSSSPACKASSGLE
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.01 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — KAT2B

Entrez GeneID [8850](#)

GeneBank Accession# [NM\\_003884](#)

Protein Accession# [NP\\_003875](#)

Gene Name KAT2B

Gene Alias CAF, P, P/CAF, PCAF

Gene Description K(lysine) acetyltransferase 2B

Omim ID [602303](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** CBP and p300 are large nuclear proteins that bind to many sequence-specific factors involved in cell growth and/or differentiation, including c-jun and the adenoviral oncoprotein E1A. The protein encoded by this gene associates with p300/CBP. It has in vitro and in vivo binding activity with C BP and p300, and competes with E1A for binding sites in p300/CBP. It has histone acetyl transferase activity with core histones and nucleosome core particles, indicating that this protein plays a direct role in transcriptional regulation. [provided by RefSeq]

**Other Designations** CREBBP-associated factor|p300/CBP-associated factor

## Pathway

- [Notch signaling pathway](#)

## Disease

- [Asthma](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)