

# PCAF monoclonal antibody (M11), clone 4D11

Catalog # H00008850-M11

Size 100 ug

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant PCAF.
<b>Immunogen</b>	PCAF (NP_003875, 731 a.a. ~ 832 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	TLKSIQQVKSHQSAWPFMEPVKRTEAPGYEVIRFPMDLKTMSERLKNRYVSKKLFMADLQRV FTNCKEYNPPESEYYKCANILEKFFFSKIKEAGLIDK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<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

- ELISA

## Gene Info — KAT2B

<b>Entrez GeneID</b>	<a href="#">8850</a>
<b>GeneBank Accession#</b>	<a href="#">NM_003884</a>
<b>Protein Accession#</b>	<a href="#">NP_003875</a>
<b>Gene Name</b>	KAT2B

Gene Alias	CAF, P, P/CAF, PCAF
Gene Description	K(lysine) acetyltransferase 2B
Omim ID	<a href="#">602303</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)