# Mouse PCAF Monoclonal Antibody | anti-PCAF antibody

PCAF (K(Lysine) Acetyltransferase 2B, CAF, P, P/CAF, PCAF) (Biotin)

| CATALOG # | HOST | APPLICATIONS |
|---|---|---|
| **AAA26210** | **Mouse** | **Immunofluorescence, Western Blot** |

## PRODUCT SYNONYMS

PCAF; Monoclonal Antibody; PCAF (K(Lysine) Acetyltransferase 2B; CAF; P; P/CAF; PCAF) (Biotin); K(Lysine) Acetyltransferase 2B; anti-PCAF antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG2a,k |
| **Clone Number** | 500000 |
| **Specificity** | Recognizes PCAF. |
| **Purity/Purification** | Purified |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin. |
| **Sequence Length** | 832 |
| **Applicable Applications for anti-PCAF antibody** | IF (Immunofluorescence), WB (Western Blot) |
| **Application Notes** | Applications are based on unconjugated antibody. |
| **Immunogen** | PCAF (AAH60823, 353aa-452aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD. |
| **Immunogen Sequence** | LEEEVYSQNSPIWDQDFLSASSRTSQLGIQTVINPPPVAGTISYNSTSSSLEQPNAGSSSPACKASSGLEANPGEKRKMTDSHVLEEAKKPRVMGDIPME |
| **Conjugate** | Biotin |
| **Preparation and Storage** | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |

## IMAGES

**Application Data**
Detection limit for recombinant GST tagged PCAF is approximately 3ng/ml as a capture antibody.

**WB (Western Blot)**
PCAF monoclonal antibody (M06), clone 5E5. Western Blot analysis of PCAF expression in human uterus myoma.

**WB (Western Blot)**
PCAF monoclonal antibody (M06), clone 5E5. Western Blot analysis of PCAF expression in C32.

**WB (Western Blot)**
PCAF monoclonal antibody (M06), clone 5E5. Western Blot analysis of PCAF expression in A-431.

**WB (Western Blot)**
PCAF monoclonal antibody (M06), clone 5E5 Western Blot analysis of PCAF expression in Hela S3 NE.

**WB (Western Blot)**
PCAF monoclonal antibody (M06), clone 5E5. Western Blot analysis of PCAF expression in human thyroid(diffuse hyperplasia).

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-PCAF antibody** | 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 CBP 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] |
| **Product Categories/Family for anti-PCAF antibody** | Antibodies; Enzymes; Acetyltransferase |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 38173798 |
| **NCBI GeneID** | 8850 |
| **NCBI Official Full Name** | K(lysine) acetyltransferase 2B |
| **NCBI Official Synonym Full Names** | lysine acetyltransferase 2B |
| **NCBI Official Symbol** | KAT2B |
| **NCBI Official Synonym Symbols** | CAF; PCAF; P/CAF |
| **NCBI Protein Information** | histone acetyltransferase KAT2B |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/pcaf-antibody-clone-500000-immunofluorescence-western-blot-elisa/26210