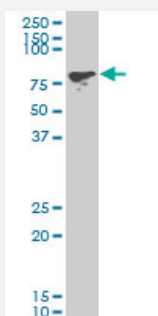


PCAF monoclonal antibody (M02), clone 1H2

Catalog # H00008850-M02

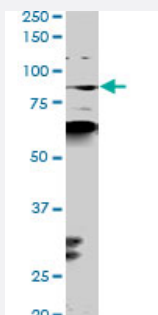
Size 100 ug

Applications



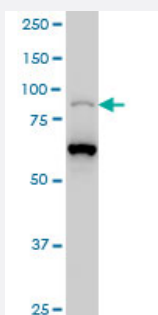
Western Blot (Tissue lysate)

PCAF monoclonal antibody (M02), clone 1H2. Western Blot analysis of PCAF expression in human uterus myoma.



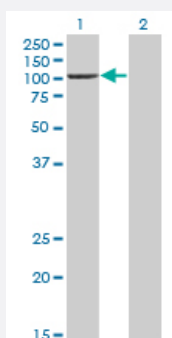
Western Blot (Cell lysate)

PCAF monoclonal antibody (M02), clone 1H2. Western Blot analysis of PCAF expression in LNCaP (Cat # L004V1).



Western Blot (Cell lysate)

PCAF monoclonal antibody (M02), clone 1H2 Western Blot analysis of PCAF expression in HeLa S3 NE (Cat # L013V3).

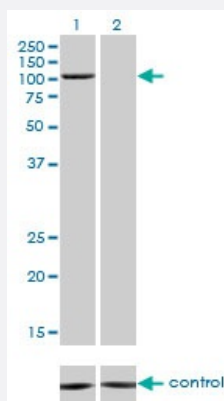


Western Blot (Transfected lysate)

Western Blot analysis of PCAF expression in transfected 293T cell line by PCAF monoclonal antibody (M02), clone 1H2.

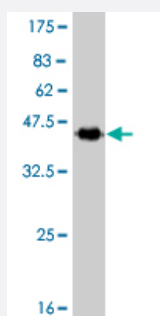
Lane 1: PCAF transfected lysate(93 KDa).

Lane 2: Non-transfected lysate.



RNAi Knockdown (Antibody validated)

Western blot analysis of PCAF over-expressed 293 cell line, cotransfected with PCAF Validated Chimera RNAi (Cat # H00008850-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PCAF monoclonal antibody (M02), clone 1H2 (Cat # H00008850-M02). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PCAF.
Immunogen	PCAF (AAH60823, 353 a.a. ~ 452 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LEEEVYSQNSPIWDQDFLSASSRTSQLGIQTVINPPPVAGTISYNSTSSSLEQPNAGSSSPACKASSGLEANPGEKRKMTDSHVLEEAKKPRVMGDIPME
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PCAF monoclonal antibody (M02), clone 1H2. Western Blot analysis of PCAF expression in human uterus myoma.

[Protocol Download](#)

- Western Blot (Cell lysate)

PCAF monoclonal antibody (M02), clone 1H2. Western Blot analysis of PCAF expression in LNCaP (Cat # L004V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

PCAF monoclonal antibody (M02), clone 1H2 Western Blot analysis of PCAF expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PCAF expression in transfected 293T cell line by PCAF monoclonal antibody (M02), clone 1H2.

Lane 1: PCAF transfected lysate(93 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of PCAF over-expressed 293 cell line, cotransfected with PCAF Validated Chimera RNAi (Cat # H00008850-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PCAF monoclonal antibody (M02), clone 1H2 (Cat # H00008850-M02). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — KAT2B

Entrez GeneID

[8850](#)

GeneBank Accession#	BC060823
Protein Accession#	AAH60823
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](#)