Mouse anti-Human CBP Monoclonal Antibody | anti-CBP antibody

Mouse monoclonal antibody Anti-Human CBP

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36319	**Mouse**	**Human**	**Western Blot, Immunoprecipitation, Immunocytochemistry, Dot Blot**

PRODUCT SYNONYMS

CBP; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human CBP; CREB-binding protein (CBP); anti-CBP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CBP5I001
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	8694
Applicable Applications for anti-CBP antibody	WB (Western Blot), IP (Immunoprecipitation), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

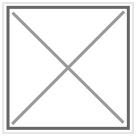
IMAGES

ICC (Immunocytochemistry)
Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-CBP mAb. [Lot No. CBP5I001-1]

IP (Immunoprecipitation)
Immunoprecipitation: RIPA lysate of HeLa cells was incubated with anti-CBP mAb. [Lot No. CBP5I001-1]Predicted molecular weight: 265 kDa

WB (Western Blot)
Detection of CBP by Western blot.Samples: Whole cell lysate from human HeLa (H, 50 ug) and mouse NIH3T3 (M, 50 ug) cells. [Lot No. CBP5I001-1]Predicted molecular weight: 265 kDa

Quality Control #2
Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control
Western blot analysis of immunized recombinant protein, using anti-CBP monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CBP antibody	Acetyltransferase enzyme. Acetylates histones, giving a specific tag for transcriptional activation. Also acetylates non-histone proteins, like NCOA3 coactivator. Mediates cAMP-gene regulation by binding specifically to phosphorylated CREB protein. CREBBP, as coactivator, augments the activity of phosphorylated CREB to activate transcription of cAMP-responsive genes. [UniProtKB Function]

NCBI AND UNIPROT INFORMATION

NCBI GI #	2443858
NCBI GeneID	1387
UniProt Accession #	U47741; Q92793
NCBI Official Full Name	Human CREB-binding protein (CBP) mRNA, complete cds
NCBI Official Synonym Full Names	CREB binding protein
NCBI Official Symbol	CREBBP
NCBI Official Synonym Symbols	CBP; RSTS; KAT3A
NCBI Protein Information	CREB-binding protein

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/cbp-antibody-clone-cbp5i001-western-blot-immunoprecipitation-immunocytochemistry-dot-blot-elisa/36319