Mouse anti-Human OVOL2/CRE-BPa Monoclonal Antibody | anti-OVOL2 antibody

OVOL2/CRE-BPa Mouse Monoclonal Antibody [Clone PCRP-OVOL2-2A1]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215870	**Mouse**	**Human**	**Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

OVOL2/CRE-BPa; Monoclonal Antibody; OVOL2/CRE-BPa Mouse Monoclonal Antibody [Clone PCRP-OVOL2-2A1]; bA504H3. 3; hOvo2; Ovo like 2; ovo-like zinc finger 2 (OVOL2); Transcription factor Ovo-like 2; Zinc finger protein 339 (ZNF339); anti-OVOL2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1
Clone Number	PCRP-OVOL2-2A1
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-OVOL2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human OVOL2 protein
Cellular Localization	Nucleus
Positive Control	HeLa, U87 or K562 cells.
Hu-chromosome Location	20p11.23
Unigene	437075
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES

FCM/FACS (Flow Cytometry)
Flow cytometric analysis of PFA-fixed HeLa cells. OVOL2 Mouse Monoclonal Antibody (PCRP-OVOL2-2A1) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-OVOL2 antibody	The ATF/CREB family consists of a series of transcription factors that function by binding to the cAMP responsive element (CRE) palindromic octanucleotide, TGACCTCA. The best characterized members of this gene family include CREB-1, CREB-2 (also designated ATF-4), CRE-BPa, LZIP (also designated CREB-3 and Luman), CREM-2, ATF-1, ATF-2, ATF-3, ATF-5, ATF-6 and ATF-7. These transcription factors share terminal leucine zipper dimerization and basic DNA binding domains and are highly variable in their N-termini. Although each of the ATF/CREB proteins bind CREs in their homodimeric form, they can also bind as heterodimers, both within the ATF/CREB family and with members of the AP-1 transcription factor family. Protein kinase A- mediated CREB phosphorylation induces association with a nuclear protein designated CBP (CREB-binding protein), which may represent a CREB coactivator. CRE-BPa is a nuclear protein that binds DNA as a homodimer but can also form a heterodimer with ATF-2 or Jun.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40807463
NCBI GeneID	58495
NCBI Accession #	NP_067043.2
NCBI GenBank Nucleotide #	NM_021220.2
UniProt Accession #	Q9BRP0; Q5T8B4; Q9BX22; Q9HA54; Q9Y4M0
Molecular Weight	30,438 Da
NCBI Official Full Name	transcription factor Ovo-like 2
NCBI Official Synonym Full Names	ovo-like zinc finger 2
NCBI Official Symbol	OVOL2
NCBI Official Synonym Symbols	ZNF339; EUROIMAGE566589
NCBI Protein Information	transcription factor Ovo-like 2; hOvo2; ovo-like 2; zinc finger protein 339
UniProt Protein Name	Transcription factor Ovo-like 2
UniProt Gene Name	**OVOL2**
UniProt Synonym Gene Names	ZNF339; hOvo2
UniProt Entry Name	OVOL2_HUMAN

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/ovol2-cre-bpa-antibody-clone-pcrp-ovol2-2a1-immunofluorescence-flow-cytometry-elisa/215870