

Mouse anti-Human ZBED1/DREF Monoclonal Antibody | anti-ZBED1 antibody

ZBED1/DREF Mouse Monoclonal Antibody [Clone PCRP-ZBED1-1E1]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA216032	Mouse	Human	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

ZBED1/DREF; Monoclonal Antibody; ZBED1/DREF Mouse Monoclonal Antibody [Clone PCRP-ZBED1-1E1]; Ac like transposable element; ALTE; BED type zinc finger domain containing protein 1; DNA replication related element binding factor; dREF homolog; hDREF; KIAA0785; Putative Ac-like transposable element; TRAMP; ZBED1; Zinc finger BED domain-containing protein 1; anti-ZBED1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2a
Clone Number	PCRP-ZBED1-1E1
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-ZBED1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human ZBED1 protein
Cellular Localization	Nucleus, In granular structures
Positive Control	HeLa or HepG2 cells.
Hu-chromosome Location	Xp22.33/Yp11.31
Unigene	131452
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. ZBED1/DREF Mouse Monoclonal Antibody (PCRP-ZBED1-1E1) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-ZBED1 antibody	ZBED1 (zinc finger BED domain-containing protein 1), also known as ALTE (Ac-like transposable element), DREF or TRAMP, is a 694 amino acid protein that localizes specifically to granular structures within the nucleus. Expressed ubiquitously at low levels and present at higher levels in heart, placenta, spleen and skeletal muscle, ZBED1 is thought to function as a transcription factor that regulates a number of ribosomal protein (RP) encoding genes, thereby playing a role in the cell cycle and in cell proliferation events. ZBED1 contains one BED-type zinc finger and binds specifically to 5'- TGTCTG[CT]GA[CT]A-3' DNA regions found in RP promoters. Additionally, ZBED1 binds strongly to the promotor region of Histone H1 (a protein required for the condensation of nucleosomes into higher order structures), subsequently activating H1 transcription.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15929151
NCBI GeneID	9189
UniProt Accession #	O96006; Q96BY4
Molecular Weight	78,156 Da
NCBI Official Full Name	ZBED1 protein
NCBI Official Synonym Full Names	zinc finger, BED-type containing 1
NCBI Official Symbol	ZBED1
NCBI Official Synonym Symbols	ALTE; DREF; TRAMP; hDREF
NCBI Protein Information	zinc finger BED domain-containing protein 1; dREF homolog; Ac-like transposable element; DNA replication-related element binding factor; BED-type zinc finger domain-containing protein 1
UniProt Protein Name	Zinc finger BED domain-containing protein 1
UniProt Gene Name	ZBED1
UniProt Synonym Gene Names	ALTE; DREF; KIAA0785; TRAMP
UniProt Entry Name	ZBED1_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.