

Mouse anti-Human CTBP2 (C-terminal binding protein 2) Monoclonal Antibody | anti-CTBP2 antibody

CTBP2 (C-terminal binding protein 2) Mouse Monoclonal Antibody [Clone PCRP-CTBP2-2D11]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215579	Mouse	Human	Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CTBP2 (C-terminal binding protein 2); Monoclonal Antibody; CTBP2 (C-terminal binding protein 2) Mouse Monoclonal Antibody [Clone PCRP-CTBP2-2D11]; C-terminal-binding protein 2 (CTBP2); Ribeye; anti-CTBP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b
Clone Number	PCRP-CTBP2-2D11
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-CTBP2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human CTBP2 protein
Cellular Localization	Nucleus, Cell junction > synapse
Positive Control	Molt-4 or HeLa cells.
Hu-chromosome Location	21q21.3
Unigene	501345
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. CTBP2 Mouse Monoclonal Antibody (PCRP-CTBP2-2D11) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-CTBP2 antibody	The gene CTBP2 (C-terminal binding protein 2) encodes a member of the CtBP-family. The gene is mapped to human chromosome 21q21. 3. It is found to be expressed ubiquitously, with higher expression in the heart, skeletal muscle, and pancreas. The gene CTBP2 (C-terminal binding protein 2) encodes a protein that functions as a transcriptional co-repressor of several tumor suppressor genes resulting in enhanced cancer cell migration and invasion. Its expression is found to be upregulated in hepatocellular carcinoma (HCC). It may be a potential prognostic marker for post liver resection HCC. It is involved in several types of tumor initiation, progression and response to therapy. It is found to interact with the C-terminal region of adenovirus type 2/5 E1A protein, a region that negatively regulates tumorigenicity and the extent of oncogenic transformation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145580578
NCBI GeneID	1488
NCBI Accession #	NP_001077383.1
NCBI GenBank Nucleotide #	NM_001083914.1
UniProt Accession #	P56545; O43449; Q5SQP7; Q69YI3; Q86SV0; Q9H2T8; A8K2X5; D3DRF5
Molecular Weight	48,945 Da
NCBI Official Full Name	C-terminal-binding protein 2 isoform 1
NCBI Official Synonym Full Names	C-terminal binding protein 2
NCBI Official Symbol	CTBP2
NCBI Protein Information	C-terminal-binding protein 2; ribeye
UniProt Protein Name	C-terminal-binding protein 2
UniProt Gene Name	CTBP2
UniProt Synonym Gene Names	CtBP2
UniProt Entry Name	CTBP2_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.