

Mouse CHOP Monoclonal Antibody | anti-CHOP antibody

CHOP Mouse Monoclonal Antibody (2B1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30832	Mouse	Human, Rat, Mouse	Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

CHOP; Monoclonal Antibody; CHOP Mouse Monoclonal Antibody (2B1); DDIT3; anti-CHOP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Clone Number	2B1
Specificity	CHOP protein detects endogenous levels of DDIT3
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CHOP antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-2000 IHC: 1:100-200 IF: 1:200
Immunogen	Synthetic Peptide of CHOP at AA range of 10-90
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



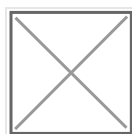
IF (Immunofluorescence)

Immunofluorescence analysis of Hela cell. 1.Calnexin Polyclonal Antibody(green) was diluted at 1:200(4 degree overnight). (red) was diluted at 1:200(4 degree overnight). 2. Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000(room temperature. 50min). Goat Anti Mouse Alexa Fluor 594 was diluted at 1:1000(room temperature. 50min).



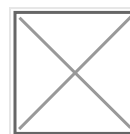
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-stomach tissue. 1.CHOP Mouse Monoclonal Antibody(2B1) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Stomach Carcinoma Tissue using CHOP Mouse mAb diluted at 1:200.



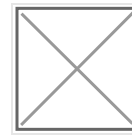
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Pancreas Carcinoma Tissue using CHOP Mouse mAb diluted at 1:200.



Application Data

Chen, Yong. et al. "Overexpression of long noncoding RNA NORAD promotes invasion and migration in malignant melanoma via regulating the MIR205?EGLN2 pathway." Cancer medicine (2019).



WB (Western Blot)

Western blot analysis of Mouse Liver Tissue Lysate using CHOP Mouse mAb diluted at 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-CHOP antibody	This gene encodes a member of the CCAAT/enhancer-binding protein (C/EBP) family of transcription factors. The protein functions as a dominant-negative inhibitor by forming heterodimers with other C/EBP members, such as C/EBP and LAP (liver activator protein), and preventing their DNA binding activity. The protein is implicated in adipogenesis and erythropoiesis, is activated by endoplasmic reticulum stress, and promotes apoptosis. Fusion of this gene and FUS on chromosome 16 or EWSR1 on chromosome 22 induced by translocation generates chimeric proteins in myxoid liposarcomas or Ewing sarcoma. Multiple alternatively spliced transcript variants encoding two isoforms with different length have been identified. [provided by RefSeq, Aug 2010]
Product Categories/Family for anti-CHOP antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	304282234
NCBI GeneID	1649
NCBI Accession #	NP_001181986.1
NCBI GenBank Nucleotide #	NM_001195057.1
UniProt Accession #	P35638
Molecular Weight	19,175 Da
NCBI Official Full Name	DNA damage-inducible transcript 3 protein isoform 2
NCBI Official Synonym Full Names	DNA-damage-inducible transcript 3
NCBI Official Symbol	DDIT3
NCBI Official Synonym Symbols	CHOP; CEBPZ; CHOP10; CHOP-10; GADD153
NCBI Protein Information	DNA damage-inducible transcript 3 protein; DDIT-3; C/EBP zeta; c/EBP-homologous protein 10; CCAAT/enhancer-binding protein homologous protein; growth arrest and DNA damage-inducible protein GADD153
UniProt Protein Name	DNA damage-inducible transcript 3 protein
UniProt Gene Name	DDIT3
UniProt Synonym Gene Names	CHOP; CHOP10; GADD153; DDIT-3; CHOP; CHOP-10
UniProt Entry Name	DDIT3_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/chop-antibody-clone-2b1-western-blot-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/30832>