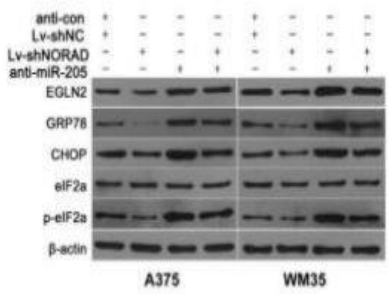
PRODUCT DATA SHEET

CHOP mouse Monoclonal Antibody(2B1)

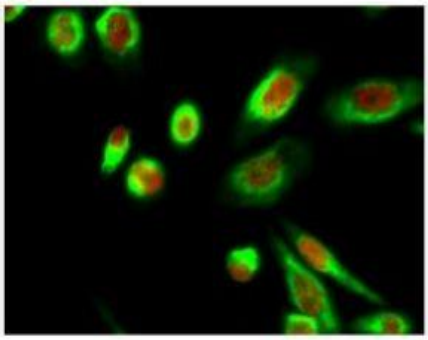
Catalog No.	IMB0033
Reactivity	Human;Rat;Mouse
Applications	WB; IF/ICC; IHC-p
Gene Name	DDIT3
Protein Name	DDIT3
Human Gene Id	1649
Swiss-Prot	P35638
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Dilution	WB: 1:1000-2000 IHC: 1:100-200 IF: 1:200
PurIF:ication	The antibody was affinity-purIF:ied from mouse ascites by affinity-chromatography using specIF:ic immunogen.
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Background	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 dIF:ferent length have been identIF:ied. [provided by RefSeq, Aug 2010],
Subcellular Location.	Cytoplasm. Nucleus. Present in the cytoplasm under non-stressed conditions and ER stress leads to its nuclear accumulation.
BiowMW	-

Products Images:

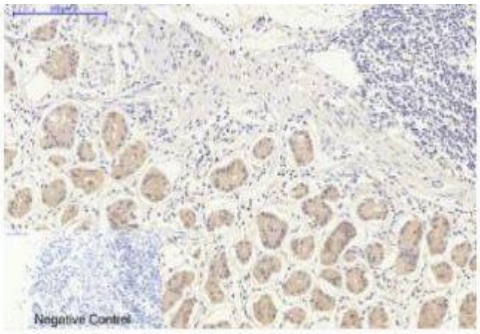
PRODUCT DATA SHEET



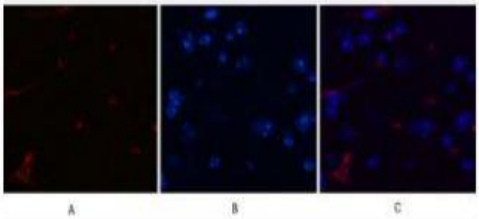
Chen, Yong, et al. "Overexpression of long non-coding RNA NORAD promotes invasion and migration in malignant melanoma via regulating the MIR-205-EGLN2 pathway." Cancer medicine (2019).



Immunofluorescence analysis of Hela cell. 1,Calnexin Polyclonal Antibody(green) was diluted at 1:200(4° overnight). (red) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 Catalog:RS3211 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 594 Catalog:RS3608 was diluted at 1:1000(room temperature, 50min).



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



Immunofluorescence analysis of Mouse-brain tissue. 1,CHOP Mouse Monoclonal Antibody(2B1)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

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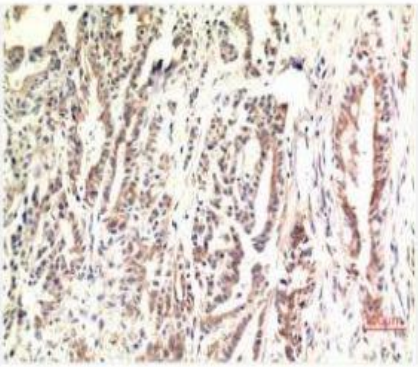
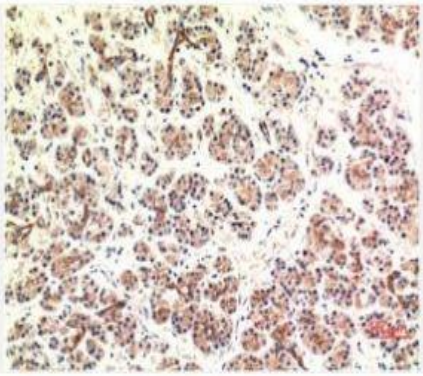
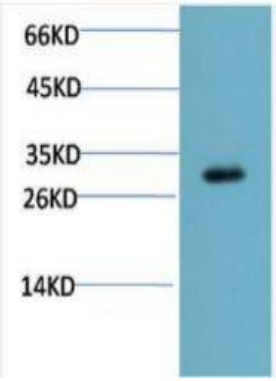


Immunohistochemical analysis of paraffin-embedded Human Stomach Carcinoma Tissue using CHOP Mouse mAb diluted at 1:200.



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



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