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**Product Name: DDIT3 Mouse Monoclonal Antibody****Catalog #: AMM85032**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ICC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 19 kDa; Observed MW: 27 kDa

**Antigen Information**

<b>Gene Name</b>	DDIT3 DDIT3; CHOP; CHOP10; GADD153; DNA damage-inducible transcript 3 protein; DDIT-3;
<b>Alternative Names</b>	C/EBP-homologous protein; CHOP; C/EBP-homologous protein 10; CHOP-10; Growth arrest and DNA damage-inducible protein GADD153
<b>Gene ID</b>	1649.0
<b>SwissProt ID</b>	P35638
<b>Immunogen</b>	Synthetic peptide conjugated to KLH.

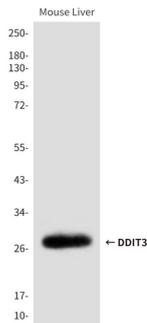
**Background**

Inhibits the DNA-binding activity of C/EBP and LAP by forming heterodimers that cannot bind DNA.

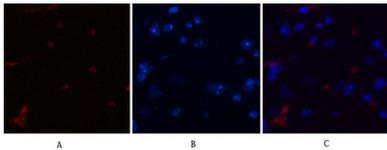
## Research Area

Apoptosis,Wnt signaling pathway,MAPK signaling pathway

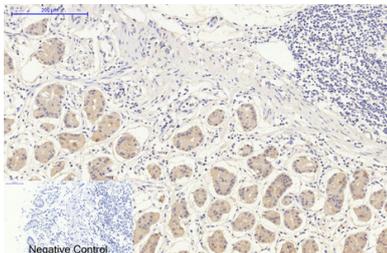
## Image Data



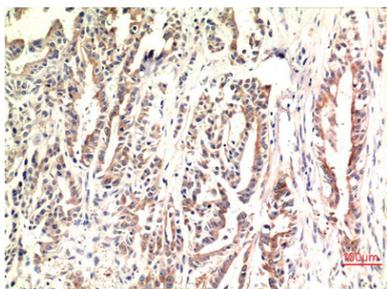
Western blot analysis of DDIT3 in mouse Liver lysates using DDIT3 antibody.



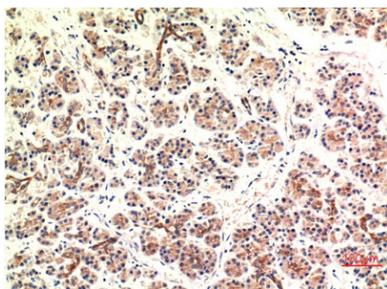
Immunofluorescence analysis of DDIT3 in mouse brain tissue using DDIT3 antibody (red), and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human stomach tissue using DDIT3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded Human Stomach Carcinoma Tissue using CHOP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human Pancreas Carcinoma Tissue using CHOP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.