

CHOP antibody

Product Information

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| Catalog No.: | FNab01668 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Protein A+G purification |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Mouse |
| Clonality: | monoclonal |
| Clone ID: | 5H7 |
| IsoType: | IgG2a |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

CHOP, also known as GADD153 or DDIT3, is a highly conserved gene in both the structural and regulatory regions to hamster gene. Imposed by unfolded and malfolded proteins, CHOP is significantly induced by ER stress, deficiency of CHOP prevents cell from ER stress. CHOP is considered a proapoptotic marker of ER stress dependent cell death. CHOP acts as a dominant-negative inhibitor of the transcription factor C/EBP and LAP by forming a heterodimer. It may play an important role in the malignant transformation of nevus to melanoma.

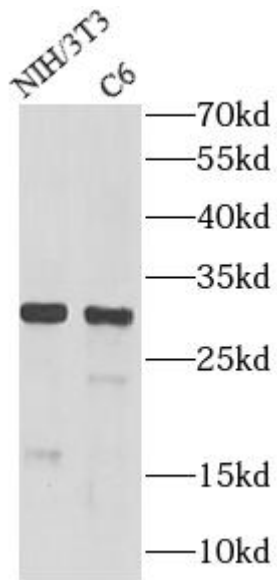
Immunogen information

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|--------------|--|
| Immunogen: | DNA-damage-inducible transcript 3 |
| Synonyms: | C/EBP homologous protein, C/EBP homologous protein 10, CEBPZ, CHOP, CHOP 10, CHOP; GADD153, CHOP10, DDIT 3, DDIT3, GADD153 |
| Observed MW: | 30 kDa |
| Uniprot ID : | P35638 |

Application

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|--------------------------|-------------------|
| Reactivity: | Human, Mouse, Rat |
| Tested Application: | ELISA, WB |
| Recommended dilution:WB: | 1:500-1:5000 |

Image:



Various lysates were subjected to SDS PAGE followed by western blot with FNab01668(CHOP Antibody) at dilution of 1:1000