

## CHOP Mouse Monoclonal Antibody

### Catalog #: EAB10179

| Host/Isotype | Clonality  | Applications      | MW (kDa) | Reactivity        |
|--------------|------------|-------------------|----------|-------------------|
| Mouse IgG1   | Monoclonal | WB, IHC-P, IF/ICC | 19       | Human, Mouse, Rat |

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|  |            |
|--|------------|
| WB(Western Blotting)                           | 1:500-2000 |
| IHC-P(Immunohistochemistry-Paraffin)           | 1:50-300   |
| IF/ICC(Immunofluorescence/Immunocytochemistry) | 1:50-300   |

### Product Information

|                |  |
|----------------|--|
| Conjugate      | Unconjugate  |
| Specificity    | CHOP Mouse Monoclonal Antibody detects endogenous levels of CHOP protein.  |
| Purification   | Affinity purification  |
| Concentration  | 1mg/ml   |
| Format         | Liquid   |
| Formulation    | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol   |
| Shipping       | Gel Pack   |
| Storage        | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID     | <a href="#">P35638</a>   |
| Entrez-Gene Id | <a href="#">1649</a>   |

### Product Description

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.

**For Reserch Use Only. Not For Use In Diagnostic Procedures**