

A Reliable Research Partner in Life Science and Medicine

# **Recombinant CHOP Monoclonal Antibody**

catalog number: AN300931L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human CHOP protein

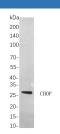
HostRabbitIsotypeIgG,κCloneB878PurificationProtein A

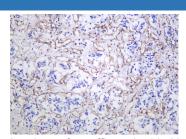
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications Recommended Dilution

IHC 1:1000-1:4000 WB 1:1000-1:5000

#### Data





Western Blot with Recombinant CHOP Monoclonal Antibody Immunohistochemistry of paraffin-embedded human breast at dilution of 1:1000 dilution. Lane A: C6 cells. carcinoma using Recombinant CHOP Monoclonal Antibody

Observed-MW:30 kDa at dilution of 1:200.

Observed-MW:30 kDa Calculated-MW:19 kDa

## **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

### **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 different length have been identified.

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