

Recombinant**DGRmAb®****DDIT3 (DGR14242) Rabbit mAb (PBS Only)****db11608-PBS****Package : 100µg****Product Name :** DDIT3 (DGR14242) Rabbit mAb (PBS Only)**Cat.No.:** db11608-PBS**Synonyms :** CHOP; CEBPZ; CHOP10; CHOP-10; GADD153; C/EBPzeta**Application :** WB, IHC-P**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**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. [provided by RefSeq, Aug 2010]

Immunogen

A synthetic peptide of human DDIT3

Gene ID

1649

Swiss Prot

P35638

Synonyms

CHOP; CEBPZ; CHOP10; CHOP-10; GADD153; C/EBPzeta

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Calculated MW

19 kDa

Observed MW

27 kDa

Host species

Rabbit

Clonality

Monoclonal

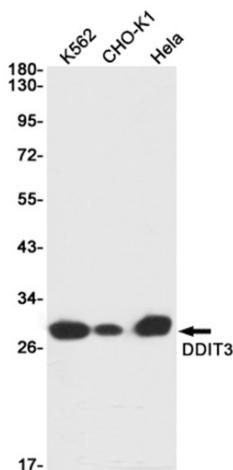
Clonality No.

DGR14242

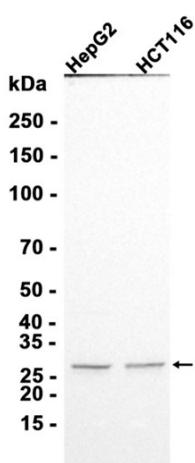
Isotype

IgG

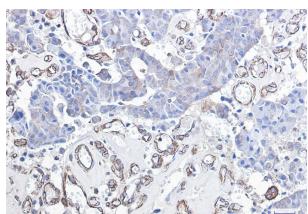
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of DDIT3 in K562, CHO-K1, HeLa cell lysates using DDIT3 antibody (1:1000 diluted).



Western blot analysis of extracts from HepG2, HCT116 cells using db11608 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11608 antibody.