

GADD45A (6C3) Mouse mAb

db6240

Package : 50μL 100μL

Product Name : GADD45A (6C3) Mouse mAb**Cat.No.:** db6240**Synonyms** : DDIT1; GADD45**Application** : WB**Reactivity** : Transfected**Host species** : Mouse**Background**

This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The protein encoded by this gene responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The DNA damage-induced transcription of this gene is mediated by both p53-dependent and -independent mechanisms. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Immunogen

Purified recombinant human GADD45 α protein expressed in E.coli

Gene ID

1647

Swiss Prot

P24522

Synonyms

DDIT1; GADD45

Reactivity

Transfected

Application

WB

Recommended dilution

WB: 1:500-1:1000

Calculated MW

18 kDa

Observed MW

22 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

6C3-G3-E9

Isotype

IgG1

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .
Stable for 12 months from date of receipt.

□

Western blot analysis of GADD45 alpha in CHO-K1 lysates and CHO-K1 transfected by GADD45 alpha His fusion protein lysates using GADD45 alpha antibody.