

Product Name: GADD45A (6C3) Mouse Monoclonal Antibody
Catalog #: AMM03530



Summary

Production Name	GADD45A (6C3) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Transfected

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	GADD45A
Alternative Names	DDIT1; GADD45
Gene ID	1647
SwissProt ID	P24522

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 18 kDa; Observed MW: 22 kDa

Background

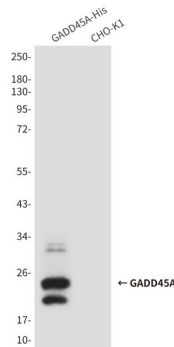
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This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The protein encoded by this gene responds to environmental stresses by mediating activation 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.

Research Area

Epigenetics and Nuclear Signaling

Image Data



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.

Note

For research use only.