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Product datasheet for TA346952

GADD45A Mouse Monoclonal Antibody [Clone ID: 6C3-G3-E9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6C3-G3-E9
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for GADD45A antibody: purified recombinant human GADD45 a protein expressed in E.coli
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	growth arrest and DNA damage inducible alpha
Database Link:	NP_001915 Entrez Gene 1647 Human P24522
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.(provided by RefSeq, Dec 2010).

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Synonyms:	DDIT1; GADD45
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Cell cycle, MAPK signaling pathway, p53 signaling pathway