

## Product datasheet for **TA346952S**

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

#### **Product data:**

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