

Product datasheet for TA346952

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

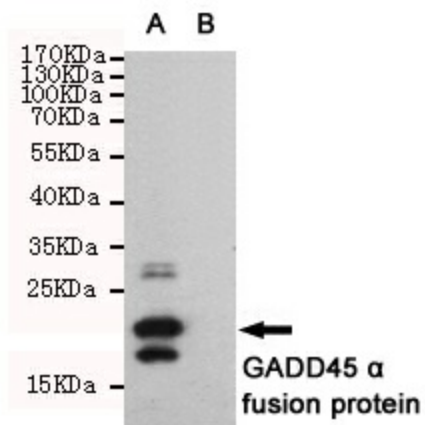
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | 6C3-G3-E9 |
| Applications: | WB |
| Recommend Dilution: | WB: 1:1000 |
| 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 |
| Predicted Protein Size: | 22 kDa |
| Gene Name: | growth arrest and DNA damage inducible alpha |
| Database Link: | NP_001915 Entrez Gene 1647 Human |
| 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). |
| Synonyms: | DDIT1; GADD45 |
| Protein Families: | Druggable Genome, Stem cell - Pluripotency |
| Protein Pathways: | Cell cycle, MAPK signaling pathway, p53 signaling pathway |



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Product images:



Western blot detection of GADD45 α in CHO-K1 cell lysate (B) and CHO-K1 transfected by GADD45 α His fusion protein (A) cell lysate using GADD45 α mouse mAb (1:1000 diluted). Predicted band size: 22KDa. Observed band size: 22KDa.