

## Product datasheet for **TA505479BM**

### **GADD45G Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI2C1]**

#### **Product data:**

|                                |  |
|--------------------------------|--|
| <b>Product Type:</b>           | Primary Antibodies   |
| <b>Clone Name:</b>             | OTI2C1   |
| <b>Applications:</b>           | WB   |
| <b>Recommended Dilution:</b>   | WB 1:500   |
| <b>Reactivity:</b>             | Human, Mouse, Rat  |
| <b>Host:</b>                   | Mouse  |
| <b>Isotype:</b>                | IgG1   |
| <b>Clonality:</b>              | Monoclonal   |
| <b>Immunogen:</b>              | Full length human recombinant protein of human GADD45G(NP_006696) produced in HEK293T cell.  |
| <b>Formulation:</b>            | PBS (pH 7.3) containing 1% BSA, 50% glycerol.  |
| <b>Concentration:</b>          | 0.5 mg/ml  |
| <b>Purification:</b>           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| <b>Conjugation:</b>            | HRP  |
| <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> | 16.9 kDa   |
| <b>Gene Name:</b>              | growth arrest and DNA damage inducible gamma   |
| <b>Database Link:</b>          | <a href="#">NP_006696</a><br><a href="#">Entrez Gene 23882 Mouse</a> <a href="#">Entrez Gene 291005 Rat</a> <a href="#">Entrez Gene 10912 Human</a><br><a href="#">O95257</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 GADD45G is highly expressed in placenta. [provided by RefSeq, Jul 2008] |

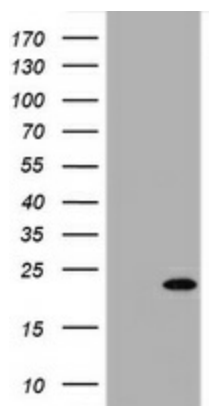


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**Synonyms:** CR6; DDIT2; GADD45gamma; GRP17

**Protein Pathways:** Cell cycle, MAPK signaling pathway, p53 signaling pathway

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GADD45G [RC201364], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GADD45G. Positive lysates [LY416476] (100ug) and [LC416476] (20ug) can be purchased separately from OriGene.