

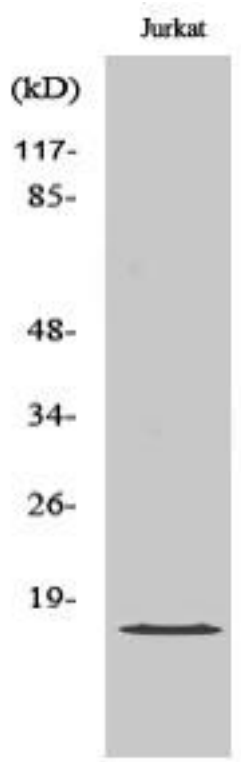


# GADD 45 $\gamma$ Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-00402
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	GADD45G
<b>Protein Name</b>	Growth arrest and DNA damage-inducible protein GADD45 gamma
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GA45G. AA range:101-150
<b>Specificity</b>	GADD 45 $\gamma$ Monoclonal Antibody detects endogenous levels of GADD 45 $\gamma$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	$\geq 90\%$
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	GADD45G; CR6; DDIT2; Growth arrest and DNA damage-inducible protein GADD45 gamma; Cytokine-responsive protein CR6; DNA damage-inducible transcript 2 protein; DDIT-2
<b>Observed Band</b>	19kD
<b>Cell Pathway</b>	nucleus,cytoplasm,
<b>Tissue Specificity</b>	Brain,Colon carcinoma,Lung,Placenta,
<b>Function</b>	function:Involved in the regulation of growth and apoptosis. Mediates activation of stress-responsive MTK1/MEKK4 MAPKKK.,similarity:Belongs to the GADD45 family.,subunit:Interacts with GADD45GIP1.,
<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],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of various cells using GADD 45  
 $\gamma$  Monoclonal Antibody