

MaxPab®

## GADD45B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004616-B01P      Size 500 ug

### Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a full-length human GADD45B protein.
<b>Immunogen</b>	GADD45B (ADR83481.1, 1 a.a. ~ 160 a.a) full-length human protein.
<b>Sequence</b>	MTLEELVACDAAQKMQTVTAAVEELLVAAQRQDRLTVGVYESAKLMNVDPDSVVLCLLAIDEE EEDDIALQIHFTLIQSFCDDNDINVRVSGMQRLAQLLGEPAAETQGTTEARDLHCLLVTPHTDAWK SHGLVEVASYCEESRGNNQWVPYISLQER
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (93); Rat (93)
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

### Gene Info — GADD45B

Entrez GeneID [4616](#)

GeneBank Accession# [HQ258730.1](#)

Protein Accession#	<a href="#">ADR83481.1</a>
Gene Name	GADD45B
Gene Alias	DKFZp566B133, GADD45BETA, MYD118
Gene Description	growth arrest and DNA-damage-inducible, beta
Omim ID	<a href="#">604948</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 genes in this group respond to environmental stresses by mediating activation of the p38/JNK pathway. This activation is mediated via their proteins binding and activating MTK1/MEKK4 kinase, which is an upstream activator of both p38 and JNK MAPKs. The function of these genes or their protein products is involved in the regulation of growth and apoptosis. These genes are regulated by different mechanisms, but they are often coordinately expressed and can function cooperatively in inhibiting cell growth. [provided by RefSeq]</p>
Other Designations	myeloid differentiation primary response

## Pathway

- [Cell cycle](#)
- [MAPK signaling pathway](#)
- [p53 signaling pathway](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)