

MaxPab®

GADD45B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004616-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GADD45B protein.
Immunogen	GADD45B (ADR83481.1, 1 a.a. ~ 160 a.a) full-length human protein.
Sequence	MTLEELVACDAAQKMQTVTAAVEELLVAAQRQDRLTVGVYESAKLMNVDPDSVVLCLLAIDEE EEDDIALQIHFTLIQSFCDDNDINVRVSGMQRLAQLLGEP AETQGTTEARDLHCLLV TNPHTDAWK SHGLVEVASYCEESRGNNQWVPYISLQER
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	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#	ADR83481.1
Gene Name	GADD45B
Gene Alias	DKFZp566B133, GADD45BETA, MYD118
Gene Description	growth arrest and DNA-damage-inducible, beta
Omim ID	604948
Gene Ontology	Hyperlink
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](#)