

**GADD45G Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14768a****Specification**

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**GADD45G Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O95257](#)**GADD45G Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10912**Other Names**

Growth arrest and DNA damage-inducible protein GADD45 gamma, Cytokine-responsive protein CR6, DNA damage-inducible transcript 2 protein, DDIT-2, GADD45G, CR6, DDIT2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**GADD45G Antibody (N-term) Blocking Peptide - Protein Information****Name** GADD45G**Synonyms** CR6, DDIT2**Function**

Involved in the regulation of growth and apoptosis. Mediates activation of stress-responsive MTK1/MEKK4 MAPKKK.

**GADD45G Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**GADD45G Antibody (N-term) Blocking Peptide - Images****GADD45G Antibody (N-term) Blocking Peptide - 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 GADD45G is highly expressed in placenta.

#### **GADD45G Antibody (N-term) Blocking Peptide - References**

Flores, O., et al. Endocrinology 151(10):4654-4664(2010) Zhang, W., et al. J. Cancer Res. Clin. Oncol. 136(8):1267-1273(2010) Zhu, N., et al. Mol. Biol. Rep. 36(8):2075-2085(2009) Yu, S., et al. Am. J. Nephrol. 30(2):135-139(2009) Palmieri, R.T., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3567-3572(2008)