

GADD45gamma (aa 18 to 28) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2691a**Specification**

GADD45gamma (aa 18 to 28) Antibody (internal region) - Product Information

Application	E
Primary Accession	O95257
Other Accession	NP_006696.1 , 10912 , 23882 (mouse) , 291005 (rat)
Predicted	Human, Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	17121

GADD45gamma (aa 18 to 28) Antibody (internal region) - 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

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GADD45gamma (aa 18 to 28) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

GADD45gamma (aa 18 to 28) Antibody (internal region) - Protein Information**Name** GADD45G**Synonyms** CR6, DDIT2**Function**

Involved in the regulation of growth and apoptosis. Mediates activation of stress-responsive

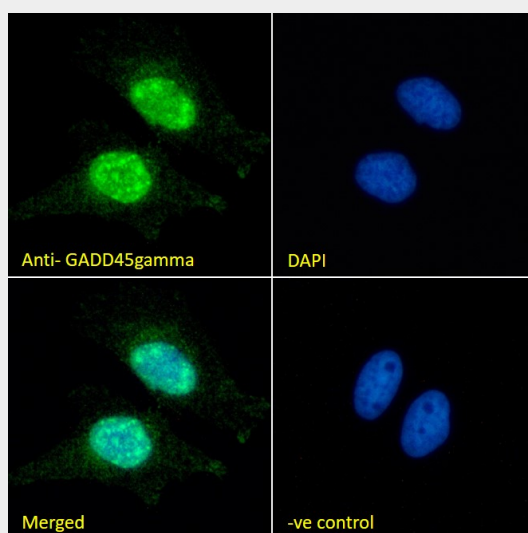
MTK1/MEKK4 MAPKKK.

GADD45gamma (aa 18 to 28) Antibody (internal region) - Protocols

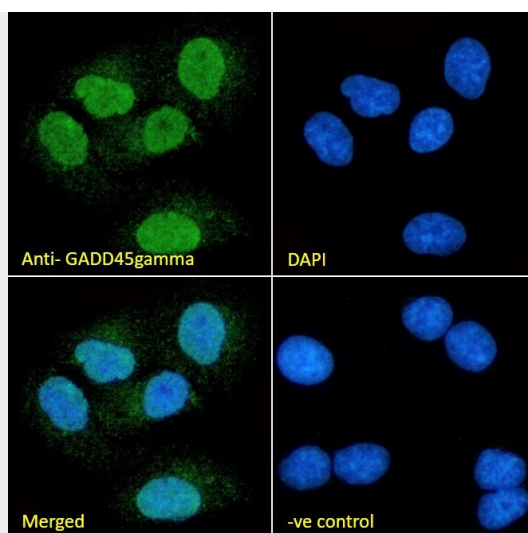
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

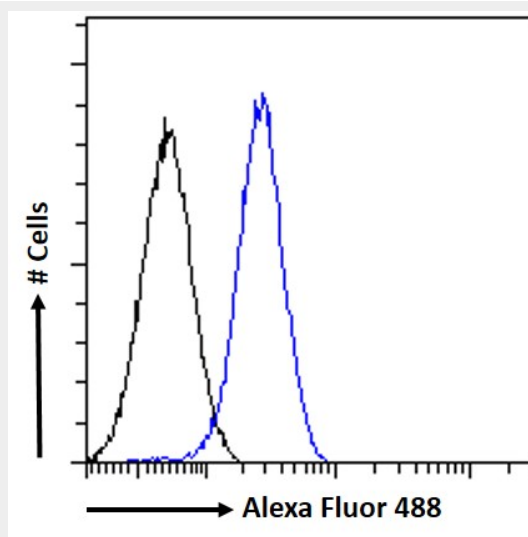
GADD45gamma (aa 18 to 28) Antibody (internal region) - Images



EB08299 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB08299 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB08299 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

GADD45gamma (aa 18 to 28) Antibody (internal region) - References

NF-kappa B-mediated repression of growth arrest- and DNA-damage-inducible proteins 45alpha and gamma is essential for cancer cell survival. Zerbini LF, Wang Y, Czibere A, Correa RG, Cho JY, Ijiri K, Wei W, Joseph M, Gu X, Grall F, Goldring MB, Zhou JR, Libermann TA. Proc Natl Acad Sci U S A. 2004 Sep 14;101(37):13618-23. PMID: 15353598