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GADD45G Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant GADD45G.
Catalog # AT2146a

Product Information

Application	WB, E
Primary Accession	O95257
Other Accession	BC019325
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1D3
Calculated MW	17121

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
Target/Specificity	GADD45G (AAH19325, 1 a.a. ~ 159 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	GADD45G Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

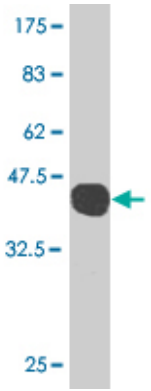
This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The protein encoded by this gene responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The GADD45G is highly expressed in placenta.

References

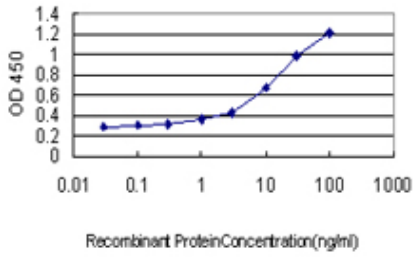
1.The novel histone deacetylase inhibitor, LBH589, induces expression of DNA damage response genes and

apoptosis in Ph- acute lymphoblastic leukemia cells.Scuto A, Kirschbaum M, Kowolik C, Kretzner L, Juhasz A, Atadja P, Pullarkat V, Bhatia R, Forman S, Yen Y, Jove R.Blood. 2008 May 15;111(10):5093-100. Epub 2008 Mar 18.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (43.23 KDa) .



Detection limit for recombinant GST tagged GADD45G is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.