



Datasheet for ABIN650724
anti-GADD45A antibody (C-Term)



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Overview

Quantity:	400 µL
Target:	GADD45A
Binding Specificity:	AA 133-165, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GADD45A antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This GADD45A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-165 amino acids from the C-terminal region of human GADD45A.
Clone:	RB16521
Isotype:	Ig Fraction
Predicted Reactivity:	B, Ha, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	GADD45A
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Target Details

Alternative Name:	GADD45A (GADD45A Products)
Background:	GADD45A responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The GADD45A 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 DNA damage-induced transcription of this gene is mediated by both p53-dependent and -independent mechanisms.
Molecular Weight:	18336
Gene ID:	1647
NCBI Accession:	NP_001186670 , NP_001186671 , NP_001915
UniProt:	P24522
Pathways:	p53 Signaling , Cell Division Cycle

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

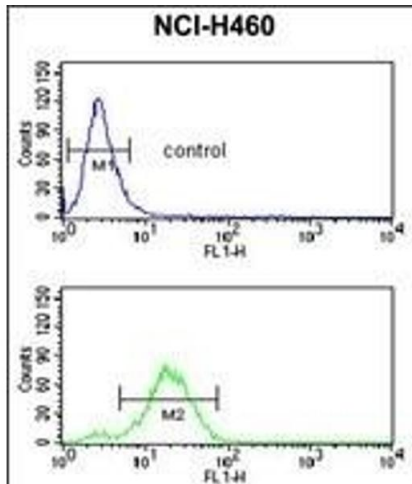
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	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.
Expiry Date:	6 months

Publications

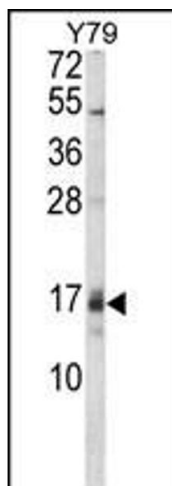
Product cited in:	Wu, Xiong, Wang, Miao, Liu, Li, Zou, Liu, Zhao, Yang: "Comparative study of ROR2 and WNT5a expression in squamous/adenosquamous carcinoma and adenocarcinoma of the gallbladder."
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Images



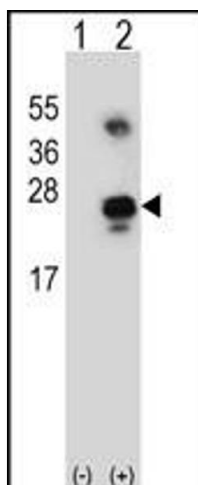
Flow Cytometry

Image 1. GADD45A Antibody (C-term) (ABIN650724 and ABIN2839408) flow cytometric analysis of NCI- cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of GADD45A Antibody (C-term) (ABIN650724 and ABIN2839408) in Y79 cell line lysates (35 µg/lane). GADD45A (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Western blot analysis of GADD45A (arrow) using rabbit polyclonal GADD45A Antibody (C-term) (ABIN650724 and ABIN2839408). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GADD45A gene.