



Rabbit Anti-Human GADD45A monoclonal antibody, clone E.92.F (CABT-L1315)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	GADD45A
Immunogen	Synthetic peptide corresponding to amino acids surrounding Asp129 of human GADD45 alpha
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Non-human primate, Rat
Clone	E.92.F
Purification	Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction	GADD45 alpha, beta and gamma are an evolutionarily conserved, homologous family of nuclear proteins that function as stress sensors for cellular physiological and environmental
---------------------	--

damage. GADD45 proteins are required for the activation of the G2/M checkpoint induced by UV radiation or alkylating agents. GADD45-induced G2/M checkpoint is regulated through inactivation of Cdc2-cyclin B1 kinase. GADD45 forms a complex with p21 and Cdc2, and may serve as core for interaction with other cell cycle regulators.

Keywords	GADD45A;growth arrest and DNA-damage-inducible, alpha;DDIT1;growth arrest and DNA damage-inducible protein GADD45 alpha;GADD45;DDIT-1;DNA damage-inducible transcript-1;DNA-damage-inducible transcript 1;DNA damage-inducible transcript 1 protein;growth arrest and DNA-damage-inducible 45 alpha
-----------------	---

GENE INFORMATION

Entrez Gene ID [1647](#)

UniProt ID [P24522](#)