

GADD34 Antibody FITC Conjugated

Catalog No: #C00686F

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Description

Product Name	GADD34 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt, ICC, IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 415-450 674 derived from human GADD34
Conjugates	FITC
Target Name	GADD34
Other Names	GADD34; Protein phosphatase 1 regulatory subunit 15A; Growth arrest and DNA damage-inducible protein GADD34; Myeloid differentiation primary response protein MyD116 homolog; PPP1R15A
Accession No.	Swiss-Prot#O75807NCBI Gene ID23645
Uniprot	O75807
GeneID	23645;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 ICC=1:50-200 IF=1:50-200

Background

Recruits the serine threonine-protein phosphatase PP1 to dephosphorylate the translation initiation factor eIF-2A EIF2S1, thereby reversing the shut-off of protein synthesis initiated by stress-inducible kinases and facilitating recovery of cells from stress. Down-regulates the TGF-beta signaling pathway by promoting dephosphorylation of TGFB1 by PP1. May promote apoptosis by inducing TP53 phosphorylation on 'Ser-15'.

Note: This product is for in vitro research use only