

For Research Use Only

GADD45A Recombinant antibody, PBS Only (Capture)

Catalog Number: 84376-4-PBS



Basic Information

Catalog Number: 84376-4-PBS	GenBank Accession Number: BC011757	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 1647	CloneNo.: 241597H4
Source: Rabbit	UNIPROT ID: P24522	
Isotype: IgG	Full Name: growth arrest and DNA-damage-inducible, alpha	
Immunogen Catalog Number: AG4687	Calculated MW: 165 aa, 18 kDa	
	Observed MW: 14-18 kDa, 28-36 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse

Background Information

GADD45A, also named as DDIT1 and GADD45, belongs to the GADD45 family. It binds to proliferating cell nuclear antigen. GADD45A may affect PCNA interaction with some CDK (cell division protein kinase) complexes; stimulates DNA excision repair in vitro and inhibits entry of cells into S phase. GADD45A plays an essential role in active DNA demethylation during terminal osteogenic differentiation of adipose-derived mesenchymal stem cells. GADD45A has Dimer (~28-36 kDa) and Monomer (14-18 kDa) forms (PMID:11498536).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

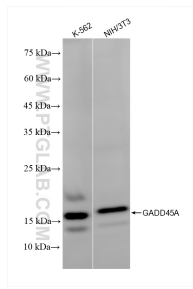
T: 4006900926

E: Proteintech-CN@ptglab.com

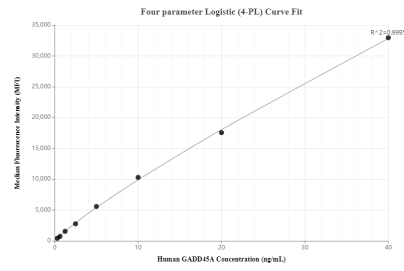
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84376-4-RR (GADD45A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84376-4-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01247-2, GADD45A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84376-4-PBS. Detection antibody: 84376-1-PBS. Standard: Ag4687. Range: 0.313-40 ng/mL.