

For Research Use Only

GADD45A Recombinant antibody

Catalog Number: 84376-3-RR



Basic Information

Catalog Number: 84376-3-RR	GenBank Accession Number: BC011757	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1647	CloneNo.: 241597F5
Source: Rabbit	UNIPROT ID: P24522	Recommended Dilutions: IHC 1:200-1:800 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: growth arrest and DNA-damage- inducible, alpha	
Immunogen Catalog Number: AG4687	Calculated MW: 165 aa, 18 kDa	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls: IHC : human stomach cancer tissue, IF/ICC : U2OS cells,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

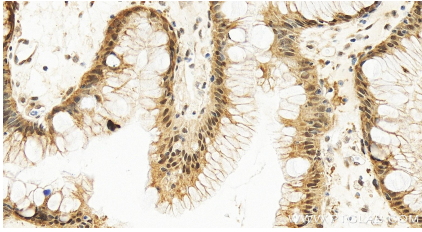
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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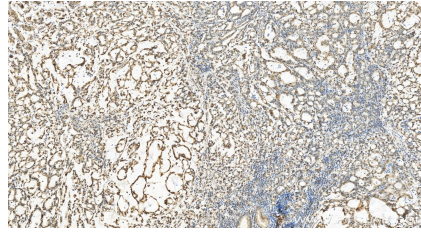
E: proteintech@ptglab.com
W: ptglab.com

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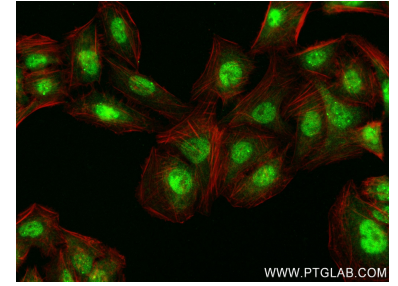
Selected Validation Data



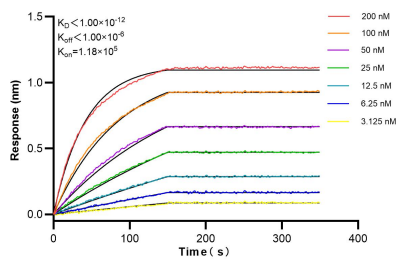
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 84376-3-RR (GADD45A antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 84376-3-RR (GADD45A antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using GADD45A antibody (84376-3-RR, Clone: 241597F5) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 84376-3-RR against Human GADD45A were performed. The affinity constant is below 1 pM.