

For Research Use Only

GADD45A Recombinant antibody, PBS Only (Detector)

Catalog Number: 84376-3-PBS



Basic Information

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|---|--|---|
| Catalog Number: 84376-3-PBS | GenBank Accession Number: BC011757 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 1647 | CloneNo.: 241597F5 |
| 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 | |

Applications

Tested Applications:
IHC, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

84376-3-PBS targets GADD45A as part of a matched antibody pair:

MP01247-3: 84376-2-PBS capture and 84376-3-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

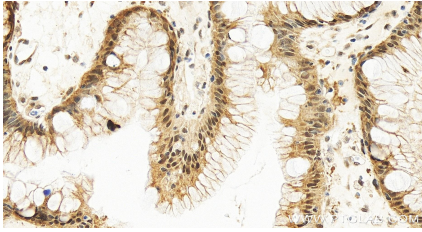
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

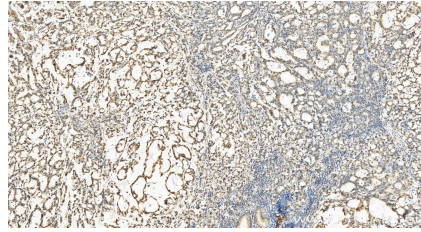
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

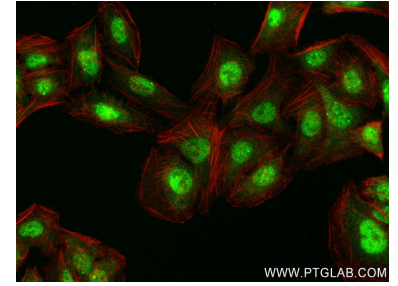
Selected Validation Data



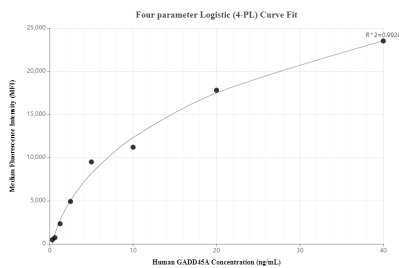
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 84376-3-RR (GADD45A antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84376-3-PBS in a different storage buffer formulation.



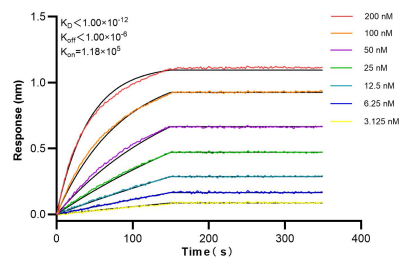
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 84376-3-RR (GADD45A antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84376-3-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84376-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01247-3, GADD45A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84376-2-PBS. Detection antibody: 84376-3-PBS. Standard: Ag4687. Range: 0.313-40 ng/mL



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