

# Product Datasheet

## GADD34 Antibody (OTI4F1)

### NBP2-01789

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-01789](http://www.novusbio.com/NBP2-01789)

Updated 9/6/2018 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-01789](http://www.novusbio.com/reviews/destination/NBP2-01789)



**NBP2-01789**

GADD34 Antibody (OTI4F1)

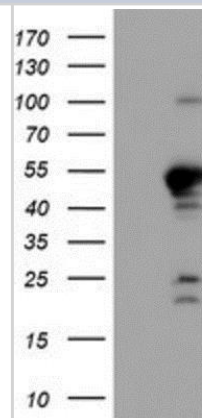
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4F1
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	73.3 kDa

Product Description	
Host	Mouse
Gene ID	23645
Gene Symbol	PPP1R15A
Species	Human, Monkey
Reactivity Notes	Human
Marker	ER Stress Marker
Immunogen	Full length recombinant protein of human GADD34 (NP_055145) produced in HEK293T cells.

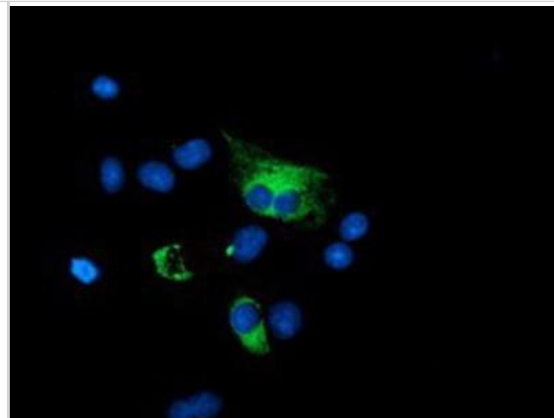
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

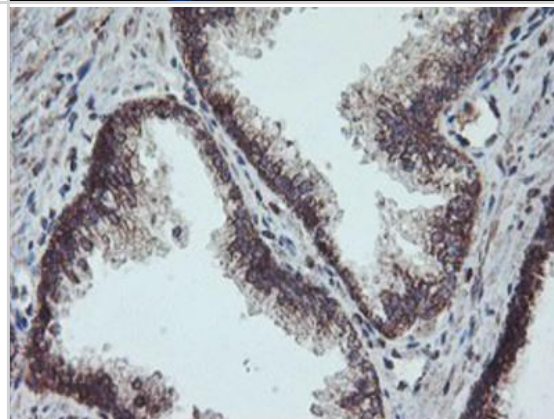
Western Blot: GADD34 Antibody (4F1) [NBP2-01789] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GADD34 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GADD34.



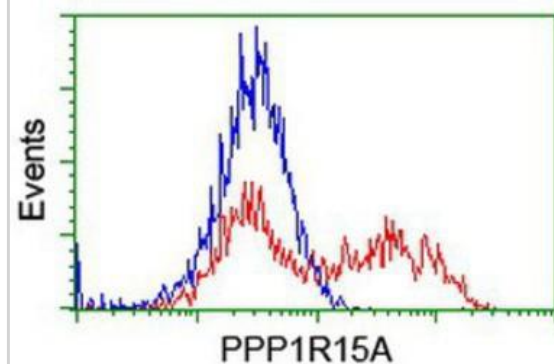
Immunocytochemistry/Immunofluorescence: GADD34 Antibody (4F1) [NBP2-01789] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY GADD34.



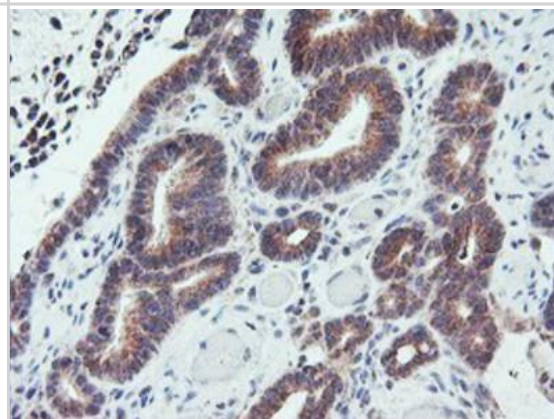
Immunohistochemistry-Paraffin: GADD34 Antibody (4F1) [NBP2-01789] - Staining of paraffin-embedded Human prostate tissue using anti-GADD34 mouse monoclonal antibody.



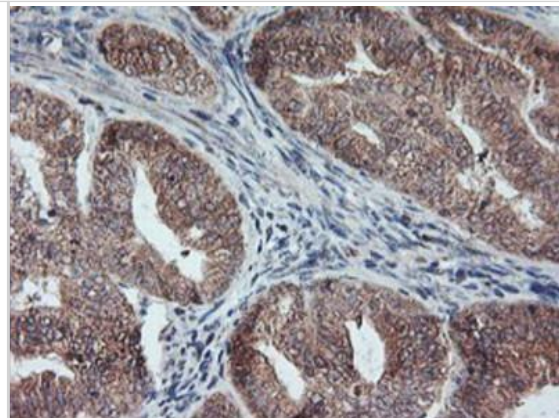
Flow Cytometry: GADD34 Antibody (4F1) [NBP2-01789] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-GADD34 antibody, and then analyzed by flow cytometry.



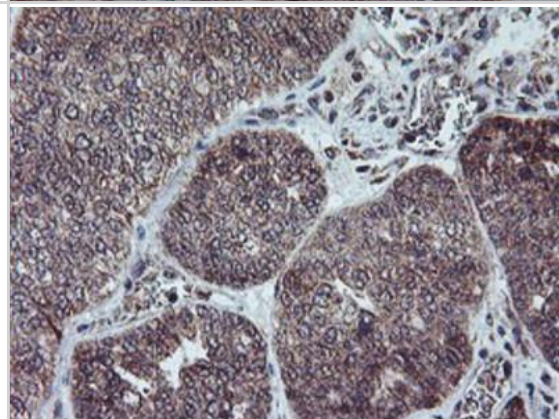
Immunohistochemistry-Paraffin: GADD34 Antibody (4F1) [NBP2-01789] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-GADD34 mouse monoclonal antibody.



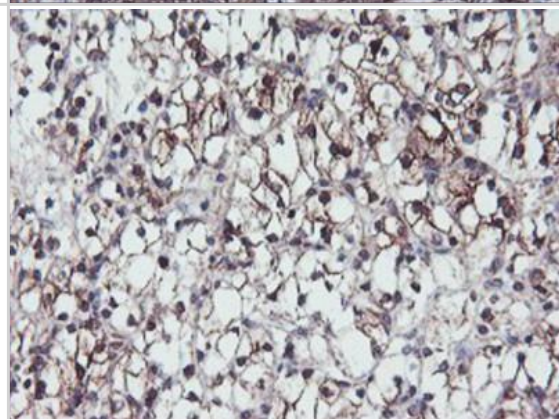
Immunohistochemistry-Paraffin: GADD34 Antibody (4F1) [NBP2-01789]  
- Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-GADD34 mouse monoclonal antibody.



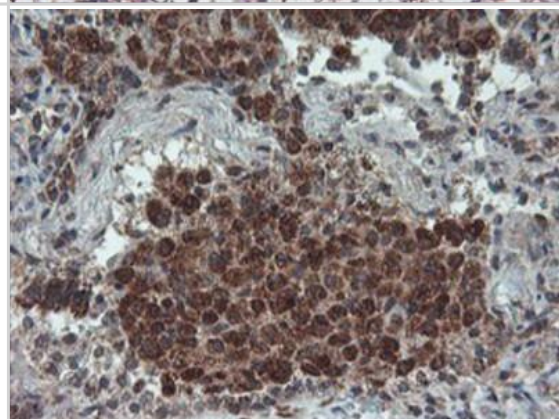
Immunohistochemistry-Paraffin: GADD34 Antibody (4F1) [NBP2-01789]  
- Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-GADD34 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: GADD34 Antibody (4F1) [NBP2-01789]  
- Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-GADD34 mouse monoclonal antibody.

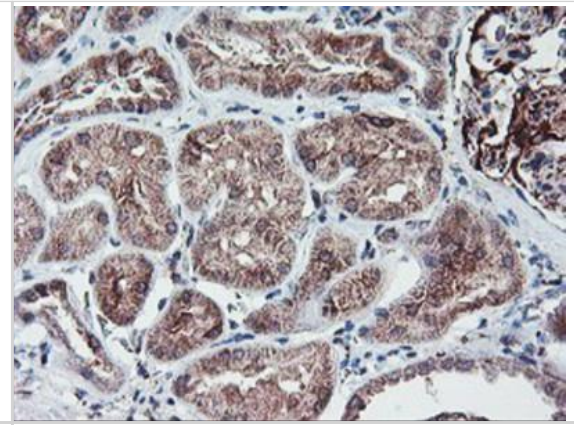


Immunohistochemistry-Paraffin: GADD34 Antibody (4F1) [NBP2-01789]  
- Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-GADD34 mouse monoclonal antibody.

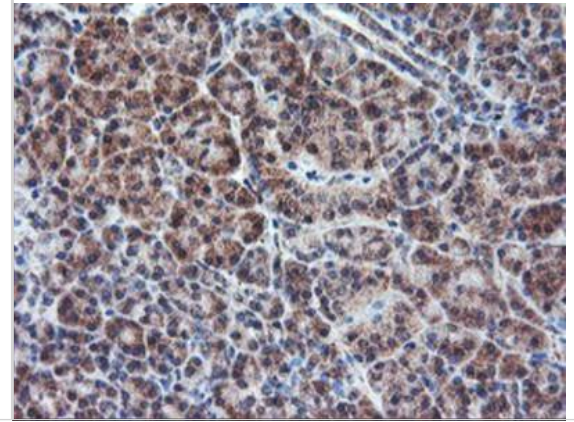




Immunohistochemistry-Paraffin: GADD34 Antibody (4F1) [NBP2-01789]  
- Staining of paraffin-embedded Human Kidney tissue using anti-GADD34 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: GADD34 Antibody (4F1) [NBP2-01789]  
- Staining of paraffin-embedded Human pancreas tissue using anti-GADD34 mouse monoclonal antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Novus Biologicals Canada**

461 North Service Road West, Unit B37  
Oakville, ON L6M 2V5  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada@novusbio.com

### **Novus Biologicals Europe**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-01789](http://www.novusbio.com/reviews/submit/NBP2-01789)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

