

# Product Datasheet

## p97/VCP Antibody (2B2) - Azide and BSA Free H00007415-M18

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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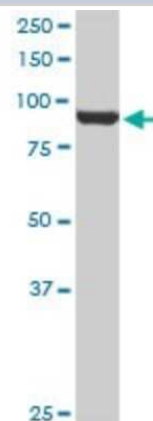
**H00007415-M18**

p97/VCP Antibody (2B2) - Azide and BSA Free

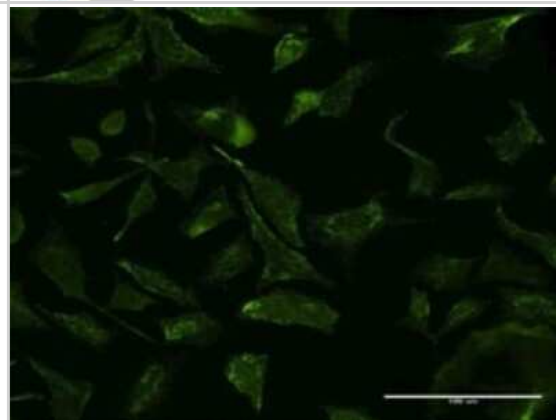
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2B2
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	7415
<b>Gene Symbol</b>	VCP
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Reacts with valosin-containing protein.
<b>Immunogen</b>	VCP (NP_009057.1, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MASGADSKGDDLSTAILKQKNRPNRLIVDEAINEDNSVVLSLQPKMDELQLFRG DTVLLKGKKRREAVCIVLSDDTCSDEKIRMNRVVRNLRVRLGDVISIQPCPDV KY
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:500
<b>Application Notes</b>	Antibody reactivity against cell lysate in WB and recombinant protein in ELISA.

## Images

Western Blot: p97/VCP Antibody (2B2) [H00007415-M18] - Analysis of VCP expression in A-431 (Cat # L015V1).



Immunocytochemistry/Immunofluorescence: p97/VCP Antibody (2B2) [H00007415-M18] - Analysis of monoclonal antibody to VCP on HeLa cell. Antibody concentration 10 ug/ml



## Publications

Ren W, Mohammed SI, Wereley S, Irudayaraj J. Magnetic Focus Lateral Flow Sensor for Detection of Cervical Cancer Biomarkers. *Anal. Chem.* 2019-01-29 [PMID: 30632735] (ELISA, Human)



### 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  
nb-customerservice@bio-techne.com

### Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### Bio-Techne Ltd

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.EMEA@bio-techne.com

### General Contact Information

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### Products Related to H00007415-M18

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00007415-P02-10ug	Recombinant Human p97/VCP GST (N-Term) Protein

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### 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.

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