

# Product Datasheet

## p97/VCP Antibody (4G9) - BSA Free NBP1-39850

Unit Size: 0.05 mg

Store at 4C. Do not freeze.

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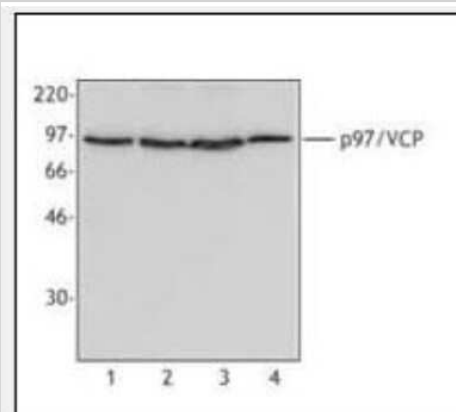
**NBP1-39850**

p97/VCP Antibody (4G9) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	4G9
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Affinity purified
Buffer	PBS (pH 7.2). Sourced from tissue culture supernatant.
Product Description	
Description	Novus Biologicals Mouse p97/VCP Antibody (4G9) - BSA Free (NBP1-39850) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7415
Gene Symbol	VCP
Species	Human
Specificity/Sensitivity	Recombinant human p97/VCP protein
Immunogen	Recombinant human p97/VCP.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Immunofluorescence
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 5 ug/ml, Immunofluorescence 1-4 ug/ml
Application Notes	IHC: NBP1-39850 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity..

## Images

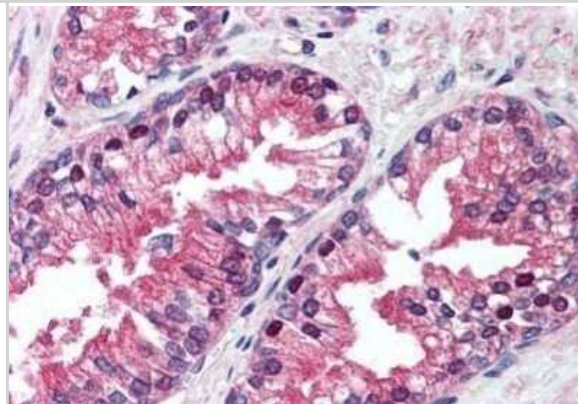
Western Blot: p97/VCP Antibody (4G9) - BSA Free [NBP1-39850] - HeLa cells (Lane 1), Jurkat cells (Lane 2), MCF7 cells (Lane 3), or mouse splenocytes (Lane 4), using anti-p97/VCP, clone 4G9



Immunocytochemistry/Immunofluorescence: p97/VCP Antibody (4G9) - BSA Free [NBP1-39850] - HeLa cells stained with purified mouse monoclonal antibody against p97/VCP (clone 4G9), followed by Cy3 conjugated goat anti-mouse IgG and DAPI.



Immunohistochemistry-Paraffin: p97/VCP Antibody (4G9) - BSA Free [NBP1-39850] - Analysis of anti-VCP antibody with human prostate at concentration 5 ug/ml.





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### **Products Related to NBP1-39850**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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