

# Product Datasheet

## Vimentin Antibody - Azide and BSA Free NBP3-03221-100ul

Unit Size: 100 ul

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

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Updated 10/17/2024 v.20.1

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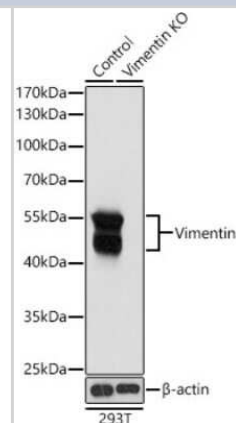
**NBP3-03221-100ul**

Vimentin Antibody - Azide and BSA Free

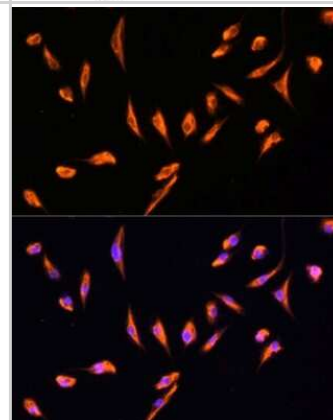
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS with 50% glycerol, pH7.3.
<b>Target Molecular Weight</b>	53.6 kDa
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	7431
<b>Gene Symbol</b>	VIM
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-101 of human Vimentin (NP_003371.2). MSTRSVSSSSYRRMFGGPGTASRPSSRSYVTTSTRTYSLGSALRPSTSRSLY ASSPGGVYATRSSAVRLRSSVPGVRLQLQDSVDFSLADAINTEFKNTRT
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin, Knockout Validated

## Images

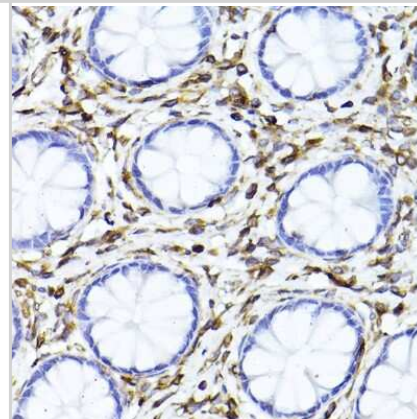
**Western Blot: Vimentin Antibody [NBP3-03221]** - Western blot analysis of extracts from normal (control) and Vimentin knockout (KO) 293T cells, using Vimentin antibody (NBP3-03221) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



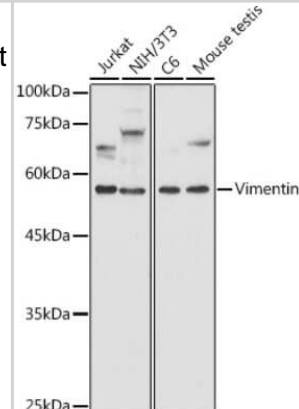
**Immunocytochemistry/Immunofluorescence: Vimentin Antibody [NBP3-03221]** - Immunofluorescence analysis of L929 cells using [KO] Vimentin antibody (NBP3-03221) at dilution of 1:100. Blue: DAPI for nuclear staining.



**Immunohistochemistry-Paraffin: Vimentin Antibody [NBP3-03221]** - Immunohistochemistry of paraffin-embedded human colon using [KO Validated] Vimentin Rabbit pAb (NBP3-03221) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



**Western Blot: Vimentin Antibody [NBP3-03221]** - Western blot analysis of extracts of various cell lines, using Vimentin antibody (NBP3-03221) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.





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### **Products Related to NBP3-03221-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35139-100ug	Recombinant Human Vimentin 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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