

Product Datasheet

Vimentin Antibody (CL0157) - Azide and BSA Free NBP3-43924

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-43924

Vimentin Antibody (CL0157) - Azide and BSA Free

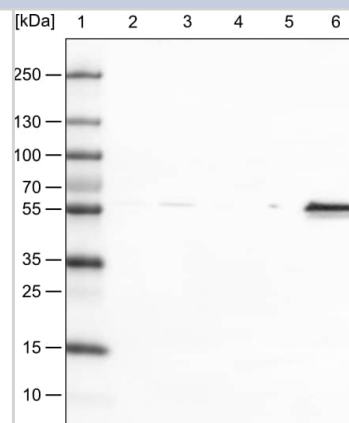
| Product Information | |
|-----------------------------|--|
| Unit Size | 100 ug |
| Concentration | LYOPH mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | CL0157 |
| Preservative | No Preservative |
| Reconstitution Instructions | Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml. |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | Lyophilized from a 0.2 um filtered solution in PBS with Trehalose |

| Product Description | |
|---------------------|--|
| Host | Mouse |
| Gene ID | 7431 |
| Gene Symbol | VIM |
| Species | Human |
| Immunogen | This antibody was generated using a recombinant protein sequence of P08670, with the exact immunogen sequence remaining proprietary. |

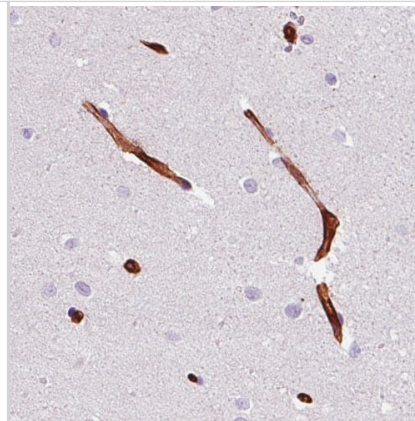
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

Images

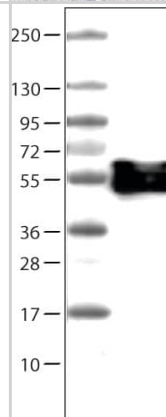
Lane 1: Marker [kDa]
 Lane 2: Human cell line HeLa cytoplasmic fraction
 Lane 3: Human cell line HeLa membrane fraction
 Lane 4: Human cell line HeLa nuclear fraction
 Lane 5: Human cell line HeLa chromatin fraction
 Lane 6: Human cell line HeLa cytoskeletal fraction



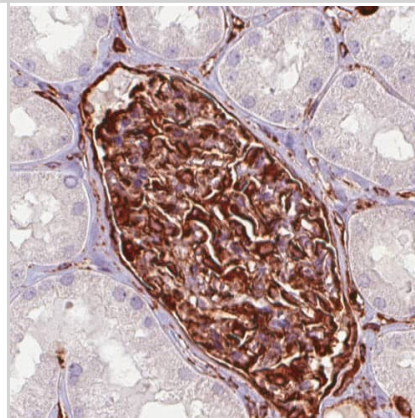
Staining of human cerebellum shows immunoreactivity in the endothelial cells.



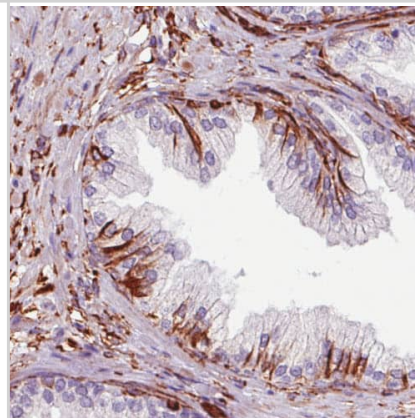
Lane 1: Marker [kDa]
Lane 2: Human tonsil tissue lysate



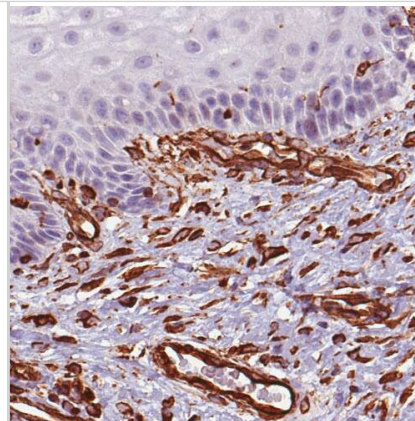
Staining of human kidney shows strong immunoreactivity in renal glomeruli but not tubuli cells.



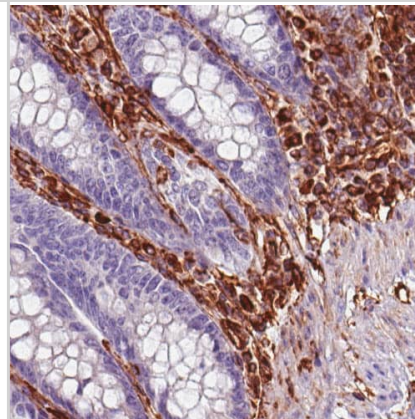
Staining of human prostate shows strong immunoreactivity in the connective tissue.



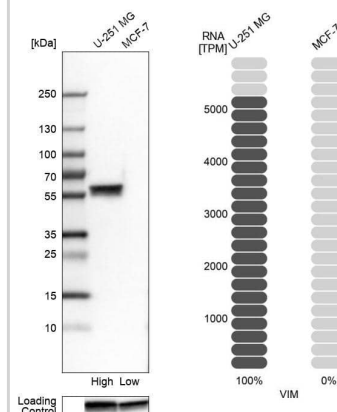
Staining of human skin shows distinct positivity in fibroblasts.



Staining of human rectum shows strong positivity in mesenchymal and lymphoid cells.



Analysis in human cell lines U-251MG and MCF-7 using Anti-Vimentin antibody. Corresponding Vimentin RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.





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Products Related to NBP3-43924

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| NBP2-35139-100ug | Recombinant Human Vimentin Protein |

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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