

# Product Datasheet

## CD31/PECAM-1 Antibody (C31/8242R) NBP3-20291-100ug

Unit Size: 100 ug

Store at 4C. Do not freeze.

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**NBP3-20291-100ug**

CD31/PECAM-1 Antibody (C31/8242R)

**Product Information**

|                      |                             |
|----------------------|-----------------------------|
| <b>Unit Size</b>     | 100 ug                      |
| <b>Concentration</b> | 0.2 mg/ml                   |
| <b>Storage</b>       | Store at 4C. Do not freeze. |
| <b>Clonality</b>     | Monoclonal                  |
| <b>Clone</b>         | C31/8242R                   |
| <b>Preservative</b>  | 0.05% Sodium Azide          |
| <b>Isotype</b>       | IgG Kappa                   |
| <b>Purity</b>        | Protein A or G purified     |
| <b>Buffer</b>        | 10mM PBS with 0.05% BSA     |

**Product Description**

|                    |                                                                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Positive Controls: Jurkat or THP-1 cells. Human tonsil or angiosarcoma.<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                 |
| <b>Gene ID</b>     | 5175                                                                                                                                                                                                   |
| <b>Gene Symbol</b> | PECAM1                                                                                                                                                                                                 |
| <b>Species</b>     | Human                                                                                                                                                                                                  |
| <b>Immunogen</b>   | Recombinant fragment (aa 28-330) of human CD31/PECAM-1 expressed in E. Coli (exact sequence is proprietary)                                                                                            |

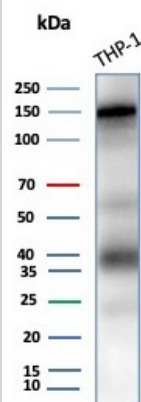
**Product Application Details**

|                              |                                                                                                                                                                                                                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                         |
| <b>Recommended Dilutions</b> | Western Blot 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml                                                                                                                                                                                                                                                     |
| <b>Application Notes</b>     | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes. at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.<br><br>Optimal dilution for a specific application should be determined. |

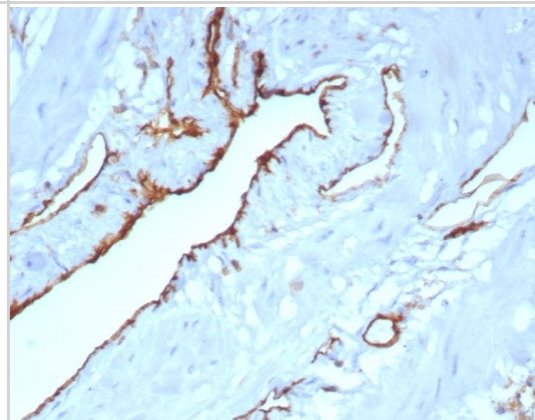


## Images

Western blot analysis of THP-1 cell lysate using CD31/PECAM-1 antibody (C31/8242R).



Formalin-fixed, paraffin-embedded human uterus stained with CD31/PECAM-1 antibody (C31/8242R). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.





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### **Products Related to NBP3-20291-100ug**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-54655PEP | CD31/PECAM-1 Recombinant Protein Antigen            |
| 210-TA-005    | TNF-alpha [Unconjugated]                            |

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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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