

# Product Datasheet

## CD44 Antibody (IM7) [DyLight 550] NBP1-41266R

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-41266R**

CD44 Antibody (IM7) [DyLight 550]

| Product Information            |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 ml   |
| <b>Concentration</b>           | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                 | Store at 4C in the dark.   |
| <b>Clonality</b>               | Monoclonal   |
| <b>Clone</b>                   | IM7  |
| <b>Preservative</b>            | 0.05% Sodium Azide   |
| <b>Isotype</b>                 | IgG2b  |
| <b>Conjugate</b>               | DyLight 550  |
| <b>Purity</b>                  | Protein A purified   |
| <b>Buffer</b>                  | 50mM Sodium Borate   |
| Product Description            |  |
| <b>Host</b>                    | Rat  |
| <b>Gene ID</b>                 | 960  |
| <b>Gene Symbol</b>             | CD44   |
| <b>Species</b>                 | Human, Mouse, Canine, Equine, Feline   |
| <b>Reactivity Notes</b>        | Cat (100%). Canine reactivity reported from a verified customer review.  |
| <b>Marker</b>                  | Cell Membrane Marker   |
| <b>Specificity/Sensitivity</b> | The rat monoclonal antibody IM7 reacts with CD44 antigen (Phagocyte glycoprotein 1), an 80-95 kDa transmembrane glycoprotein (hyaladherin family) present on the most of cells and tissues (leukocytes, endothelial cells, mesenchymal cells, etc.); it is negative on platelets and hepatocytes. The antibody reacts with all isoforms of mouse CD44. |
| <b>Immunogen</b>               | Dexamethasone-induced cells of the SJL mouse spontaneous myeloid leukemia M1   |
| <b>Notes</b>                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |
| Product Application Details    |  |
| <b>Applications</b>            | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready  |
| <b>Recommended Dilutions</b>   | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, CyTOF-ready  |
| <b>Application Notes</b>       | Optimal dilution of this antibody should be experimentally determined.   |





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### **Products Related to NBP1-41266R**

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|               |                                  |
|---------------|----------------------------------|
| NBP1-84578PEP | CD44 Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]         |
| 3660-CD-050   | CD44 [Unconjugated]              |
| M6000B-1      | IL-6 [HRP]                       |

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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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