

# Product Datasheet

## CD44 Antibody (CD44v9/1459) [Allophycocyanin] - variant 9 NBP2-54571APC

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-54571APC**

CD44 Antibody (CD44v9/1459) [Allophycocyanin] - variant 9

| Product Information |   |
|---------------------|---|
| Unit Size           | 100 ul  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | CD44v9/1459   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa  |
| Conjugate           | Allophycocyanin   |
| Purity              | Protein A or G purified   |
| Buffer              | PBS   |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 960  |
| Gene Symbol             | CD44   |
| Species                 | Human  |
| Marker                  | Marker of Tumor Metastasis   |
| Specificity/Sensitivity | This antibody recognizes an epitope encoded by exon v9 on the variant portion of human CD44. The CD44 molecule belongs to a family of cellular adhesion molecules found on a wide range of normal and malignant cells in epithelial, mesothelial and hemopoiesis tissues. CD44 is a single gene with 20 exons, of which 10 are normally expressed to encode the basic CD44 (H-CAM) molecule. The additional 10 exons (v1 to v10) are only expressed by alternative splicing of the nuclear RNA. The expression of specific cell adhesion molecule CD44 splice variants has been reported to be associated with metastasis in certain human malignancies. |
| Immunogen               | Recombinant fragment corresponding to the v9 domain of human CD44 (Uniprot: P16070)  |
| Notes                   | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Immunohistochemistry-Paraffin, Immunohistochemistry                    |
| Recommended Dilutions       | Immunohistochemistry, Immunohistochemistry-Paraffin                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP2-54571APC**

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|               |  |
|---------------|--|
| IC002A        | Mouse IgG1 Isotype Control (11711) [Allophycocyanin] |
| NBP1-84578PEP | CD44 Recombinant Protein Antigen                     |
| 210-TA-005    | TNF-alpha [Unconjugated]                             |
| 3660-CD-050   | CD44 [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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