

# Product Datasheet

## **NCAM-1/CD56 Antibody (123A8 (same as 56C04))** **[CoraFluor™ 1]** **NBP2-34518CL1**

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-34518CL1**

NCAM-1/CD56 Antibody (123A8 (same as 56C04)) [CoraFluor™ 1]

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 0.1 ml   |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Store at 4C in the dark. Do not freeze.  |
| Clonality                   | Monoclonal   |
| Clone                       | 123A8 (same as 56C04)  |
| Preservative                | No Preservative  |
| Isotype                     | IgG1 Kappa   |
| Conjugate                   | CoraFluor 1  |
| Purity                      | Protein A or G purified  |
| Buffer                      | PBS  |
| Product Description         |  |
| Host                        | Mouse  |
| Gene ID                     | 4684   |
| Gene Symbol                 | NCAM1  |
| Species                     | Human  |
| Marker                      | Neuronal Cell Marker   |
| Specificity/Sensitivity     | This monoclonal antibody reacts with an extracellular domain (close to transmembrane) of CD56/NCAM. Three isoforms of neural cell adhesion molecule (NCAM) are produced by differential splicing of the RNA transcript from a single gene. The 135kDa isoform is the basic molecule, which is glycosylated or sialylated to produce the mature species. Anti-CD56 recognizes two proteins of the neural cell adhesion molecule, the basic molecule expressed on most neuroectodermally derived tissues and neoplasms (e.g. retinoblastoma, medulloblastomas, astrocytomas, neuroblastomas, and small cell carcinomas). It is also expressed on some mesodermally derived tumors (rhabdomyosarcoma). Anti-CD56 plays an important role in the diagnosis of nodal and nasal NK/T-cell lymphomas. |
| Immunogen                   | Membrane preparation of a small cell lung carcinoma  |
| Notes                       | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254  |
| Product Application Details |  |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Imaging Mass Cytometry   |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Imaging Mass Cytometry   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |





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### **Products Related to NBP2-34518CL1**

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|                 |   |
|-----------------|---|
| NBP3-07122-50ug | Recombinant Human NCAM-1/CD56 His Protein |
| 210-TA-005      | TNF-alpha [Unconjugated]                  |
| DY2408          | NCAM-1/CD56 [Biotin]                      |
| 285-IF-100      | IFN-gamma [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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