

Product Datasheet

NCAM-1/CD56 Antibody (123A8 (same as 56C04)) [Alexa Fluor® 647] NBP2-34518AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34518AF647

NCAM-1/CD56 Antibody (123A8 (same as 56C04)) [Alexa Fluor® 647]

| 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. |
| Clonality | Monoclonal |
| Clone | 123A8 (same as 56C04) |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Alexa Fluor 647 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| 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 |



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| 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 |

Images

Product Image: NCAM-1/CD56 Antibody (123A8 (same as 56C04)) [Alexa Fluor® 647] [NBP2-34518AF647] - Vial of Alexa Fluor 647 conjugated antibody. Alexa Fluor 647 is optimally excited at 653 nm by the Red laser (633 or 640 nm) and has an emission maximum of 669 nm.





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Products Related to NBP2-34518AF647

| | |
|-----------------|---|
| IC002R | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647] |
| NBP3-07122-50ug | Recombinant Human NCAM-1/CD56 His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| DY2408 | NCAM-1/CD56 [Biotin] |

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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