

Product Datasheet

NCAM-1/CD56 Antibody (SPM489) [mFluor Violet 610 SE] NBP2-34412MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34412MFV610

NCAM-1/CD56 Antibody (SPM489) [mFluor Violet 610 SE]

| 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 | SPM489 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | mFluor Violet 610 SE |
| 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 |
| Notes | mFluor(TM) is a trademark of AAT Bioquest, Inc. 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 | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |

Images

NCAM-1/CD56 Antibody (SPM489) [mFluor Violet 610 SE] [NBP2-34412MFV610] - Vial of mFluor Violet 610 conjugated antibody. mFluor Violet 610 is optimally excited at 421 nm by the Violet laser (405 nm) and has an emission maximum of 613 nm.



mFluor™ Violet 610

| LASER (nm) | FILTER |
|--------------|--------|
| Violet (405) | 605/30 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 421 | 613 |



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Products Related to NBP2-34412MFV610

| | |
|-----------------|---|
| 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] |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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