

# Product Datasheet

## ICAM-1/CD54 Antibody (MEM-111) [mFluor Violet 450 SE] NB500-318MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-318MFV450**

ICAM-1/CD54 Antibody (MEM-111) [mFluor Violet 450 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               | MEM-111   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG2a   |
| Conjugate           | mFluor Violet 450 SE  |
| Purity              | Protein A purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |   |
|-------------------------|---|
| Host                    | Mouse   |
| Gene ID                 | 3383  |
| Gene Symbol             | ICAM1   |
| Species                 | Human, Rat, Bovine  |
| Specificity/Sensitivity | The antibody MEM-111 reacts with an extracellular epitope CD54 (ICAM-1), a 85 -110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). The expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. HLDA VI; WS Code AS A049 |
| Immunogen               | Raji human Burkitt's lymphoma cell line (NM_000201.2).  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, CyTOF-ready |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |

**Images**

ICAM-1/CD54 Antibody (MEM-111) [mFluor Violet 450 SE] [NB500-318MFV450] - Vial of mFluor Violet 450 conjugated antibody. mFluor Violet 450 is optimally excited at 406 nm by the Violet laser (405 nm) and has an emission maximum of 445 nm.



mFluor™ Violet 450

|                     |                   |
|---------------------|-------------------|
| LASER (nm)          | FILTER            |
| Violet (405)        | 450/45            |
| EXCITATION MAX (nm) | EMISSION MAX (nm) |
| 406                 | 445               |



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### **Products Related to NB500-318MFV450**

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|                   |   |
|-------------------|---|
| NBP2-52268-0.05mg | Recombinant Mouse ICAM-1/CD54 His Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]                  |
| 796-IC-050        | ICAM-1/CD54 [Unconjugated]                |
| D6050             | 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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