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## Product Datasheet

### MCAM (Melanoma Cell Adhesion Molecule) / MUC18 / CD146 Antibody, IgG1, Clone: [OJ79c], Mouse, Monoclonal NBT-4162-MSM1-P1ABX

|                            |                                                                                                                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MCAM (Melanoma Cell Adhesion Molecule) / MUC18 / CD146 Antibody, IgG1, Clone: [OJ79c], Mouse, Monoclonal                                                                                                                                                                  |
| Biozol Catalog Number      | NBT-4162-MSM1-P1ABX                                                                                                                                                                                                                                                       |
| Supplier Catalog Number    | 4162-MSM1-P1ABX                                                                                                                                                                                                                                                           |
| Alternative Catalog Number | NBT-4162-MSM1-P1ABX-100                                                                                                                                                                                                                                                   |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                                        |
| Host                       | Mouse                                                                                                                                                                                                                                                                     |
| Category                   | Antikörper                                                                                                                                                                                                                                                                |
| Application                | FC, IF                                                                                                                                                                                                                                                                    |
| Species Reactivity         | Human                                                                                                                                                                                                                                                                     |
| Immunogen                  | Recombinant full-length human MUC18 protein                                                                                                                                                                                                                               |
| Product Description        | The human Mel-CAM gene maps to chromosome 11q23 and encodes a trans-membrane glycoprotein, also designated MCAM, MUC 18 or CD146, that belongs to the immunoglobulin superfamily and functions as a Ca <sup>2+</sup> -independent cell adhesion molecule. Mel-CAM expe... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                                |
| Clone Designation          | [OJ79c]                                                                                                                                                                                                                                                                   |
| Molecular Weight           | 130kDa                                                                                                                                                                                                                                                                    |
| Isotype                    | IgG1                                                                                                                                                                                                                                                                      |

|                   |                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">4162</a>                                                                                                                                                                                                                                           |
| UniProt           | <a href="#">P43121</a>                                                                                                                                                                                                                                         |
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                         |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                                            |
| Application Notes | Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 mi |