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## Product Datasheet

### **CD31 / PECAM-1 (Endothelial Cell Marker) Antibody, Clone: [PECAM1/3527], Mouse, Monoclonal NBT-5175-MSM17-P0**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD31 / PECAM-1 (Endothelial Cell Marker) Antibody, Clone:<br>[PECAM1/3527], Mouse, Monoclonal                                                                                                                                                                 |
| Biozol Catalog Number      | NBT-5175-MSM17-P0                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | 5175-MSM17-P0                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | NBT-5175-MSM17-P0-20,NBT-5175-MSM17-P0-100                                                                                                                                                                                                                    |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC, WB                                                                                                                                                                                                                                               |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant fragment (around aa 625-738) of human CD31 protein<br>(exact sequence is proprietary)                                                                                                                                                             |
| Product Description        | CD31 (PECAM-1) is a transmembrane glycoprotein member of the immunoglobulin supergene family of adhesion molecules. CD31 is expressed by stem cells of the hematopoietic system and is primarily used to identify and concentrate these cells for experime... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [PECAM1/3527]                                                                                                                                                                                                                                                 |
| Molecular Weight           | ~100kDa (endothelium) and ~130kDa (platelets)                                                                                                                                                                                                                 |
| NCBI                       | <a href="#">5175</a>                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P16284</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), Western Blot (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 1m |