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## Product Datasheet

### CD31/PECAM1 Mouse Monoclonal Antibody, Clone: [2D4], Unconjugated BYT-ORB654278

|                            |                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD31/PECAM1 Mouse Monoclonal Antibody, Clone: [2D4], Unconjugated                                                                                                           |
| Biozol Catalog Number      | BYT-ORB654278                                                                                                                                                               |
| Supplier Catalog Number    | orb654278                                                                                                                                                                   |
| Alternative Catalog Number | BYT-ORB654278-100                                                                                                                                                           |
| Manufacturer               | Biorbyt                                                                                                                                                                     |
| Host                       | Mouse                                                                                                                                                                       |
| Category                   | Antikörper                                                                                                                                                                  |
| Application                | IHC, IHC-Fr, WB                                                                                                                                                             |
| Species Reactivity         | Human                                                                                                                                                                       |
| Immunogen                  | E.coli-derived human CD31 recombinant protein (Position: Q28-G382). Human CD31 shares 65% and 68% amino acid (aa) sequences identity with mouse and rat CD31, respectively. |
| Conjugation                | Unconjugated                                                                                                                                                                |
| Product Description        | Anti-CD31/PECAM1 Antibody (monoclonal, 2D4). Tested in IHC, IHC-F, WB applications. This antibody reacts with Human....                                                     |
| Clonality                  | Monoclonal                                                                                                                                                                  |
| Concentration              | 500 µg/ml                                                                                                                                                                   |
| Clone Designation          | [2D4]                                                                                                                                                                       |
| Molecular Weight           | 130 kDa                                                                                                                                                                     |

|                    |                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt            | <a href="#">P16284</a>                                                                                                                                         |
| Buffer             | Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg NaN <sub>3</sub> .                                               |
| Form               | Lyophilized                                                                                                                                                    |
| Target             | Platelet endothelial cell adhesion molecule                                                                                                                    |
| Application Dilute | Western blot, 0.1-0.5µg/ml, Human Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human Immunohistochemistry (Frozen Section), 0.5-1µg/ml, Human |