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## Product Datasheet

### **Thrombomodulin / CD141 (Endothelial Cell Marker) (rTHBD/1591), 0.2mg/mL, IgG1, Clone: [rTHBD/1591], Mouse, Monoclonal BOT-BNUB2332-100**

|                            |                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Thrombomodulin / CD141 (Endothelial Cell Marker) (rTHBD/1591),<br>0.2mg/mL, IgG1, Clone: [rTHBD/1591], Mouse, Monoclonal                                                                                                                                               |
| Biozol Catalog Number      | BOT-BNUB2332-100                                                                                                                                                                                                                                                       |
| Supplier Catalog Number    | BNUB2332-100                                                                                                                                                                                                                                                           |
| Alternative Catalog Number | BOT-BNUB2332-100-100UL                                                                                                                                                                                                                                                 |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                                |
| Host                       | Mouse                                                                                                                                                                                                                                                                  |
| Category                   | Antikörper                                                                                                                                                                                                                                                             |
| Application                | IHC                                                                                                                                                                                                                                                                    |
| Species Reactivity         | Human                                                                                                                                                                                                                                                                  |
| Immunogen                  | Recombinant fragment (around aa 69-194) of human<br>Thrombomodulin (CD141) protein (exact sequence is proprietary)                                                                                                                                                     |
| Product Description        | This antibody recognizes a protein of 75 kDa, identified as<br>Thrombomodulin. Thrombomodulin is a transmembrane glycoprotein<br>with natural anticoagulant properties. It is normally expressed by a<br>restricted number of cells, such as endothelial and mesoth... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                             |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                              |
| Clone Designation          | [rTHBD/1591]                                                                                                                                                                                                                                                           |
| Molecular Weight           | 100 kDa                                                                                                                                                                                                                                                                |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype           | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt           | <a href="#">P07204</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody ELISA: 2-4 ug/m for coating order Ab without BSA Immunohistology (formalin): 1-2 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM Tris buffer with 1 mM EDTA pH 9.0 for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user</p> |