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## Product Datasheet

### **Thrombomodulin / CD141 (Endothelial Cell Marker) (THBD/1591), CF647 conjugate, 0.1mg/mL, Clone: [THBD/1591], Mouse, Monoclonal BOT-BNC471591-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Thrombomodulin / CD141 (Endothelial Cell Marker) (THBD/1591), CF647 conjugate, 0.1mg/mL, Clone: [THBD/1591], Mouse, Monoclonal                                                                                                                                |
| Biozol Catalog Number      | BOT-BNC471591-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC471591-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC471591-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human Thrombomodulin protein fragment (aa69-194) (exact sequence is proprietary)                                                                                                                                                                  |
| Conjugation                | CF647                                                                                                                                                                                                                                                         |
| Product Description        | This antibody recognizes a protein of 75 kDa, identified as Thrombomodulin. Thrombomodulin is a transmembrane glycoprotein with natural anticoagulant properties. It is normally expressed by a restricted number of cells, such as endothelial and mesoth... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |

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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone Designation | [THBD/1591]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Molecular Weight  | 100 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| UniProt           | <a href="#">P07204</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody ELISA: 2-4 ug/mL for coating order Ab without BSA Immunofluorescence: 0.5-1 ug/mL Immunohistology (formalin) 1-2 ug/mL Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM Tris buffer with 1 mM EDTA Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user |