

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **CD31 / PECAM-1(C31.7), CF647 conjugate, 0.1mg/mL, Clone: [C31.7], Mouse, Monoclonal BOT-BNC470014-100**

|                            |   |
|----------------------------|---|
| Article Name               | CD31 / PECAM-1(C31.7), CF647 conjugate, 0.1mg/mL, Clone: [C31.7],<br>Mouse, Monoclonal  |
| Biozol Catalog Number      | BOT-BNC470014-100   |
| Supplier Catalog Number    | BNC470014-100   |
| Alternative Catalog Number | BOT-BNC470014-100-100UL   |
| Manufacturer               | Biotium   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | FC, IF, IHC, WB   |
| Species Reactivity         | Human, Primate, Rabbit  |
| Immunogen                  | Human recombinant CD31 protein  |
| Conjugation                | CF647   |
| 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  |
| Concentration              | 0.1 mg/mL   |
| Clone Designation          | [C31.7]   |

|                   |   |
|-------------------|---|
| Molecular Weight  | ~100 kDa (endothelium) and ~130 kDa (platelets)   |
| UniProt           | <a href="#">P16284</a>  |
| Buffer            | PBS, 0.1% BSA, 0.05% azide  |
| Source            | Animal  |
| Application Notes | Immunohistology formalin-fixed 1-2 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes Immunofluorescence 0.5-1 ug/mL Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1.0 ug/mL Optimal dilution for a specific application should be determined by user |