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## Product Datasheet

### **S100B(4C4.9), CF647 conjugate, 0.1mg/mL, Clone: [4C4.9], Mouse, Monoclonal BOT-BNC470143-100**

|                            |   |
|----------------------------|---|
| Article Name               | S100B(4C4.9), CF647 conjugate, 0.1mg/mL, Clone: [4C4.9], Mouse, Monoclonal  |
| Biozol Catalog Number      | BOT-BNC470143-100   |
| Supplier Catalog Number    | BNC470143-100   |
| Alternative Catalog Number | BOT-BNC470143-100-100UL   |
| Manufacturer               | Biotium   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | IF, IHC, WB   |
| Species Reactivity         | Bovine, Human, Mouse, Rat   |
| Immunogen                  | Purified bovine brain S100 protein  |
| Conjugation                | CF647   |
| Product Description        | S100 belongs to the family of calcium binding proteins. S100A and S100B proteins are two members of the S100 family. S100A is composed of an alpha and a beta chain whereas S100B is composed of two beta chains. This antibody is specific against an epi... |
| Clonality                  | Monoclonal  |
| Concentration              | 0.1 mg/mL   |
| Clone Designation          | [4C4.9]   |

|                   |  |
|-------------------|--|
| Molecular Weight  | 10-12 kDa  |
| UniProt           | <a href="#">P04271</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 Immunofluorescence: 1-2 ug/mL Immunohistology formalin-fixed 0.25-0.5 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes 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 |