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## Product Datasheet

### **DNA Ligase 1(1A9), CF640R conjugate, 0.1mg/mL, Clone: [1A9], Mouse, Monoclonal BOT-BNC402177-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | DNA Ligase 1(1A9), CF640R conjugate, 0.1mg/mL, Clone: [1A9], Mouse, Monoclonal                                                                                                                                                                                |
| Biozol Catalog Number      | BOT-BNC402177-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC402177-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC402177-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, Functional Studies, IP                                                                                                                                                                                                                                    |
| Species Reactivity         | Bovine, Human, Mouse, Rat                                                                                                                                                                                                                                     |
| Immunogen                  | Full-length native cow LIG1 protein                                                                                                                                                                                                                           |
| Conjugation                | CF640R                                                                                                                                                                                                                                                        |
| Product Description        | DNA Ligase I maintains the major DNA Ligase activity in proliferating cells by joining Okazaki fragments during lagging strand DNA replication. Human DNA Ligase I also has an essential role in DNA repair pathways, where it catalyzes the formation of ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [1A9]                                                                                                                                                                                                                                                         |

|                   |                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 133 kDa                                                                                                                 |
| UniProt           | <a href="#">P18858</a>                                                                                                  |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                              |
| Source            | Animal                                                                                                                  |
| Application Notes | Western blot 0.5-1 ug/mL, ELISA, Immunoprecipitation, Optimal dilution for a specific application should be determined. |