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## Product Datasheet

### DNA Ligase IV Polyclonal Antibody, Cy5 Conjugated, Rabbit BSS-BS-1677R-CY5

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | DNA Ligase IV Polyclonal Antibody, Cy5 Conjugated, Rabbit                                                                                                                                                                                                     |
| Biozol Catalog Number      | BSS-BS-1677R-CY5                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | bs-1677R-Cy5                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BSS-BS-1677R-CY5-100                                                                                                                                                                                                                                          |
| Manufacturer               | Bioss                                                                                                                                                                                                                                                         |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IF, WB                                                                                                                                                                                                                                                        |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Conjugation                | Cy5                                                                                                                                                                                                                                                           |
| Product Description        | Efficiently joins single-strand breaks in a double-stranded polydeoxynucleotide in an ATP-dependent reaction. Involved in DNA non-homologous end joining (NHEJ) required for double-strand break repair and V(D)J recombination. The LIG4-XRCC4 complex is... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1ug/ul                                                                                                                                                                                                                                                        |
| NCBI                       | <a href="#">3981</a>                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">P49917</a>                                                                                                                                                                                                                                        |
| Buffer                     | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                                                                                                                       |

|                    |                                                                             |
|--------------------|-----------------------------------------------------------------------------|
| Source             | KLH conjugated synthetic peptide derived from human DNA Ligase IV           |
| Target             | DNA Ligase IV                                                               |
| Application Dilute | WB(1:300-5000), IF(IHC-P)(1:50-200), IF(IHC-F)(1:50-200), IF(ICC)(1:50-200) |