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## Product Datasheet

### **Human Kappa Light Chain (B-Cell Marker) (rL1C1), CF640R conjugate, 0.1mg/mL, IgG1, Clone: [rL1C1], Mouse, Monoclonal BOT-BNC402222-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human Kappa Light Chain (B-Cell Marker) (rL1C1), CF640R conjugate, 0.1mg/mL, IgG1, Clone: [rL1C1], Mouse, Monoclonal                                                                                                                                          |
| Biozol Catalog Number      | BOT-BNC402222-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC402222-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC402222-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Human B-Lymphoma Cells                                                                                                                                                                                                                                        |
| Conjugation                | CF640R                                                                                                                                                                                                                                                        |
| Product Description        | This MAb is specific to kappa light chain of immunoglobulin and shows no cross-reaction with lambda light chain or any of the five heavy chains. In mammals, the two light chains in an antibody are always identical, with only one type of light chain, ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [rL1C1]                                                                                                                                                                                                                                                       |

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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | ~22.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Isotype           | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UniProt           | <a href="#">P01601</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 Does not react with rat Immunohistology (formalin): 0.5-1 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |