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## Product Datasheet

### **Human Kappa Light Chain(HP6053), CF405S conjugate, 0.1mg/mL, Clone: [HP6053], Mouse, Monoclonal BOT-BNC040681-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human Kappa Light Chain(HP6053), CF405S conjugate, 0.1mg/mL, Clone: [HP6053], Mouse, Monoclonal                                                                                                                                                               |
| Biozol Catalog Number      | BOT-BNC040681-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC040681-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC040681-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Purified human Ig kappa chain                                                                                                                                                                                                                                 |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| 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          | [HP6053]                                                                                                                                                                                                                                                      |

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | ~22.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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 Immunohistology formalin-fixed 0.5-1.0 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 Western blotting 0.5-1.0 ug/mL Flow Cytometry 0.5-2.0 ug/million cells in 0.1 mL Optimal dilution for a specific application should be determined by user |