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## Product Datasheet

### **CD59 (heavy chain of Protectin)(MACIF/629), CF640R conjugate, 0.1mg/mL, Clone: [MACIF/629], Mouse, Monoclonal BOT-BNC400629-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD59 (heavy chain of Protectin)(MACIF/629), CF640R conjugate, 0.1mg/mL, Clone: [MACIF/629], Mouse, Monoclonal                                                                                                                                                 |
| Biozol Catalog Number      | BOT-BNC400629-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC400629-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC400629-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant full-length human CD59 protein                                                                                                                                                                                                                    |
| Conjugation                | CF640R                                                                                                                                                                                                                                                        |
| Product Description        | Reacts with human CD59, a 20 kDa glycosyl phosphatidyl-inositol (GPI)-anchored cell surface protein. CD59 regulates complement-mediated cell lysis, and it is involved in lymphocyte signal transduction. This protein is a potent inhibitor of the comple... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [MACIF/629]                                                                                                                                                                                                                                                   |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 20 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt           | <a href="#">P13987</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Immunohistology formalin-fixed 1-2 ug/mL Staining of formalin-fixed tissues is enhanced by 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 Optimal dilution for a specific application should be determined by user</p> |