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## Product Datasheet

### **CD71 / Transferrin Receptor (TFRC) (Extracellular Domain) (TFRC/1818), 1mg/mL, Clone: [TFRC/1818], Mouse, Monoclonal BOT-BNUM1818-50**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | CD71 / Transferrin Receptor (TFRC) (Extracellular Domain) (TFRC/1818), 1mg/mL, Clone: [TFRC/1818], Mouse, Monoclonal                                                                                                                                          |
| Artikelnummer            | BOT-BNUM1818-50                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | BNUM1818-50                                                                                                                                                                                                                                                   |
| Alternativnummer         | BOT-BNUM1818-50-50UL                                                                                                                                                                                                                                          |
| Hersteller               | Biotium                                                                                                                                                                                                                                                       |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IHC                                                                                                                                                                                                                                                           |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Recombinant human TFRC protein fragment (aa94-212) (exact sequence is proprietary)                                                                                                                                                                            |
| Produktbeschreibung      | This antibody recognizes a ~90-95 kDa protein which is identified as cell surface transferrin receptor (CD71), a disulfide-bonded homodimeric glycoprotein of 180-190 kDa. This MAb is highly specific to CD71 and shows no cross-reaction with other rela... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Konzentration            | 1 mg/mL                                                                                                                                                                                                                                                       |
| Klon-Bezeichnung         | [TFRC/1818]                                                                                                                                                                                                                                                   |

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molekulargewicht       | 85-95 kDa (monomer), 190 kDa (dimer)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt                | <a href="#">P02786</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Puffer                 | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Anwendungsbeschreibung | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL ELISA: 2-4 ug/mL for coating order Ab without BSA Flow cytometry: 0.5-1 ug/million cells in 0.1mL Immunohistology (formalin) 1-2 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris, 1 mM EDTA pH 9.0 for 10-20 min followed by cooling at RT for 20 min Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user</p> |