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## Product Datasheet

### CD71 / Transferrin Receptor (TFRC) (Extracellular Domain) (TFRC/1818), 0.2mg/mL, Clone: [TFRC/1818], Mouse, Monoclonal BOT-BNUB1818-100

|                            |   |
|----------------------------|---|
| Article Name               | CD71 / Transferrin Receptor (TFRC) (Extracellular Domain) (TFRC/1818), 0.2mg/mL, Clone: [TFRC/1818], Mouse, Monoclonal  |
| Biozol Catalog Number      | BOT-BNUB1818-100  |
| Supplier Catalog Number    | BNUB1818-100  |
| Alternative Catalog Number | BOT-BNUB1818-100-100UL  |
| Manufacturer               | Biotium   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | IHC   |
| Species Reactivity         | Human   |
| Immunogen                  | Recombinant human TFRC protein fragment (aa94-212) (exact sequence is proprietary)  |
| Product Description        | 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... |
| Clonality                  | Monoclonal  |
| Concentration              | 0.2 mg/mL   |
| Clone Designation          | [TFRC/1818]   |
| Molecular Weight           | 85-95 kDa (monomer), 190 kDa (dimer)  |

|                   |   |
|-------------------|---|
| UniProt           | P02786  |
| Buffer            | PBS, 0.05% 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 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 |