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## Product Datasheet

### **Insulin(IRDN/794), CF405S conjugate, 0.1mg/mL, Clone: [IRDN/794], Mouse, Monoclonal BOT-BNC040794-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Insulin(IRDN/794), CF405S conjugate, 0.1mg/mL, Clone: [IRDN/794],<br>Mouse, Monoclonal                                                                                                                                                                        |
| Biozol Catalog Number      | BOT-BNC040794-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC040794-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC040794-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Bovine, Human, Mouse, Porcine, Rat                                                                                                                                                                                                                            |
| Immunogen                  | Recombinant INS protein                                                                                                                                                                                                                                       |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | Recognizes a polypeptide which is identified as insulin, a 51-amino acid polypeptide composed of A and B chains connected through the C-peptide. Proinsulin, which has very little biological activity, is cleaved by proteases within its cell of origin ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [IRDN/794]                                                                                                                                                                                                                                                    |

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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt           | <a href="#">P01308</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: 1-2 ug/mL Immunohistology formalin-fixed 0.1-0.2 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 Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user</p> |