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## Product Datasheet

### **Renal Cell Carcinoma (Carbonic Anhydrase IX)(66.4.C2), 1mg/mL, Clone: [66.4.C2], Mouse, Monoclonal BOT-BNUM0287-50**

|                            |   |
|----------------------------|---|
| Article Name               | Renal Cell Carcinoma (Carbonic Anhydrase IX)(66.4.C2), 1mg/mL, Clone: [66.4.C2], Mouse, Monoclonal  |
| Biozol Catalog Number      | BOT-BNUM0287-50   |
| Supplier Catalog Number    | BNUM0287-50   |
| Alternative Catalog Number | BOT-BNUM0287-50-50UL  |
| Manufacturer               | Biotium   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | IHC   |
| Species Reactivity         | Equine, Human   |
| Immunogen                  | Microsomal fraction of human renal cortical tissue homogenate   |
| Product Description        | Carbonic anhydrase IX (carbonic anhydrase 9) is one of several carbolic anhydrases that vary in tissue distribution and localization. Carbonic anhydrases catalyze the interconversion of carbon dioxide and water into carbonic acid and bicarbonate and ... |
| Clonality                  | Monoclonal  |
| Concentration              | 1 mg/mL   |
| Clone Designation          | [66.4.C2]   |
| Molecular Weight           | 55 kDa  |

|                   |   |
|-------------------|---|
| UniProt           | <a href="#">Q16790</a>  |
| Buffer            | PBS, no BSA, no 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 Immunohistology formalin-fixed 0.5-1 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 Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user |