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## Product Datasheet

### **Cytokeratin, LMW(KRTL/1077), 0.2mg/mL, Clone: [KRTL/1077], Mouse, Monoclonal BOT-BNUB1077-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Cytokeratin, LMW(KRTL/1077), 0.2mg/mL, Clone: [KRTL/1077], Mouse, Monoclonal                                                                                                                                                                                  |
| Biozol Catalog Number      | BOT-BNUB1077-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB1077-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB1077-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human, Rat                                                                                                                                                                                                                                                    |
| Immunogen                  | Recombinant human KRT77 protein                                                                                                                                                                                                                               |
| Product Description        | This MAb recognizes the 56.5 kDa (CK10), 50 kDa (CK14), 50 kDa (CK15), 48 kDa (CK16), 40 kDa (CK19) keratins of the acidic (Type I or LMW) subfamily. Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) sub... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [KRTL/1077]                                                                                                                                                                                                                                                   |
| Molecular Weight           | 56.5 kDa (CK10), 50 kDa (CK14), 50 kDa (CK15), 48 kDa (CK16), 40 kDa (CK19)                                                                                                                                                                                   |

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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">Q7Z794</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer            | PBS, 0.05% 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 0.5-1 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 Predicted to show broad species reactivity Optimal dilution for a specific application should be determined by user</p> |