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## Product Datasheet

### Cytokeratin 5/8(C-50), 0.2mg/mL, Clone: [C-50], Mouse, Monoclonal BOT-BNUB0948-500

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Cytokeratin 5/8(C-50), 0.2mg/mL, Clone: [C-50], Mouse, Monoclonal                                                                                                                                                                                             |
| Biozol Catalog Number      | BOT-BNUB0948-500                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB0948-500                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB0948-500-500UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Bovine, Canine, Ferret, Hamster, Human, Mouse, Porcine, Rat, Sheep                                                                                                                                                                                            |
| Immunogen                  | Cytoskeletal preparation from HeLa cells                                                                                                                                                                                                                      |
| Product Description        | This antibody reacts with keratin 5 (58 kDa) and keratin 8 (52.5 kDa). Simple epithelia express cytokeratin 8 in combination with 18. On the other hand, basal cells of stratified epithelia express cytokeratin 5 paired with 14. This antibody therefore... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [C-50]                                                                                                                                                                                                                                                        |
| Molecular Weight           | 58 kDa (CK5), 52.5 kDa (CK8)                                                                                                                                                                                                                                  |
| UniProt                    | <a href="#">P13647</a>                                                                                                                                                                                                                                        |

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Immunohistology formalin-fixed 0.5-1.0 ug/mL For staining of formalin-fixed tissues, digest sections with trypsin at 1mg/mL PBS, 15 min at RT Flow Cytometry 0.5-1 ug/million cells/0.1 mL Immunofluorescence 0.5-1.0 ug/mL Western blotting 0.5-1.0 ug/mL Does not react with chicken , or Xenopus Optimal dilution for a specific application should be determined by user |