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## Product Datasheet

### **Cytokeratin 10 (Suprabasal Epithelial Marker) (DE-K10), CF405S conjugate, 0.1mg/mL, Clone: [DE-K10], Mouse, Monoclonal BOT-BNC041273-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Cytokeratin 10 (Suprabasal Epithelial Marker) (DE-K10), CF405S conjugate, 0.1mg/mL, Clone: [DE-K10], Mouse, Monoclonal                                                                                                                                        |
| Biozol Catalog Number      | BOT-BNC041273-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC041273-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC041273-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Canine, Feline, Human                                                                                                                                                                                                                                         |
| Immunogen                  | Cytoskeletal preparation extracted from human ectocervical epithelium                                                                                                                                                                                         |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | This MAb recognizes a protein of 56.5 kDa, identified as cytokeratin 10 (CK10). CK10 is expressed in all suprabasal layers of the epidermis. In the epidermis, expression of CK10 strictly parallels the extent of differentiation, it is absent in the ba... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [DE-K10]                                                                                                                                                                                                                                                      |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 56.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt           | <a href="#">P13645</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer            | PBS, 0.1% 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 Flow cytometry: 0.5-1 ug/million cells in 0.1mL Immunofluorescence: 0.5-1 ug/mL Immunohistology (formalin) 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 min Optimal dilution for a specific application should be determined by user |