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## Product Datasheet

**Alpha-1-Antichymotrypsin (SERPINA3) (Histiocytoma Marker)  
(AACT/1451), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [AACT/1451],  
Mouse, Monoclonal  
BOT-BNC041451-500**

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Alpha-1-Antichymotrypsin (SERPINA3) (Histiocytoma Marker)<br>(AACT/1451), CF405S conjugate, 0.1mg/mL, IgG1, Clone:<br>[AACT/1451], Mouse, Monoclonal                                                                                                                    |
| Artikelnummer            | BOT-BNC041451-500                                                                                                                                                                                                                                                       |
| Hersteller Artikelnummer | BNC041451-500                                                                                                                                                                                                                                                           |
| Alternativnummer         | BOT-BNC041451-500-500UL                                                                                                                                                                                                                                                 |
| Hersteller               | Biotium                                                                                                                                                                                                                                                                 |
| Wirt                     | Mouse                                                                                                                                                                                                                                                                   |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                              |
| Applikation              | IHC                                                                                                                                                                                                                                                                     |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                                   |
| Immunogen                | Recombinant human Antichymotrypsin (AACT) protein fragment<br>(aa49-187) (exact sequence is proprietary)                                                                                                                                                                |
| Konjugation              | CF405S                                                                                                                                                                                                                                                                  |
| Produktbeschreibung      | Alpha-1 Antichymotrypsin (AACT) is a plasma protease inhibitor<br>synthesized in the liver as a single glycopeptide chain. In human, the<br>normal serum level of AACT is about one-tenth that of alpha-1-<br>antitrypsin (AAT), with which it shares nucleic acid a... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                              |

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Konzentration          | 0.1 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Klon-Bezeichnung       | [AACT/1451]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Molekulargewicht       | 65-76 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Isotyp                 | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt                | <a href="#">P01011</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Puffer                 | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Anwendungsbeschreibung | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistology (formalin): 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 min Immunofluorescence 0.5-1 ug/mL Western blotting 0.5-1 ug/mL Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user</p> |