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## Product Datasheet

### **Alpha-1-Antichymotrypsin (SERPINA3) (Histiocytoma Marker) (AACT/1451 + AACT/1452), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [AACT/1451 AACT/1452], Mouse, Monoclonal BOT-BNC041453-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Alpha-1-Antichymotrypsin (SERPINA3) (Histiocytoma Marker) (AACT/1451 + AACT/1452), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [AACT/1451 AACT/1452], Mouse, Monoclonal                                                                                          |
| Biozol Catalog Number      | BOT-BNC041453-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC041453-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC041453-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human Antichymotrypsin (AACT) protein fragment (aa49-187) (exact sequence is proprietary)                                                                                                                                                         |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | Alpha-1 Antichymotrypsin (AACT) is a plasma protease inhibitor synthesized in the liver as a single glycopeptide chain. In human, the normal serum level of AACT is about one-tenth that of alpha-1-antitrypsin (AAT), with which it shares nucleic acid a... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone Designation | [AACT/1451 AACT/1452]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Molecular Weight  | 65-76 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Isotype           | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt           | <a href="#">P01011</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Buffer            | PBS, 0.1% 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 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> |