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## Product Datasheet

### **Alpha-1-Antitrypsin (SERPINA1) (Hepatocellular & Histiocytic Marker) (AAT/1378), 0.2mg/mL, IgG1, Clone: [AAT/1378], Mouse, Monoclonal BOT-BNUB1378-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Alpha-1-Antitrypsin (SERPINA1) (Hepatocellular & Histiocytic Marker) (AAT/1378), 0.2mg/mL, IgG1, Clone: [AAT/1378], Mouse, Monoclonal                                                                                                                         |
| Biozol Catalog Number      | BOT-BNUB1378-500                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB1378-500                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB1378-500-500UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human Alpha-1-Antitrypsin (AAT) protein fragment (exact sequence is proprietary)                                                                                                                                                                  |
| Product Description        | This antibody recognizes a protein of 54 kDa, which is identified as Alpha-1 antitrypsin (AAT). AAT is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. De... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [AAT/1378]                                                                                                                                                                                                                                                    |
| Molecular Weight           | 54 kDa                                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype           | IgG1                                                                                                                                                                                                                                                                                                                                                                   |
| UniProt           | <a href="#">P01009</a>                                                                                                                                                                                                                                                                                                                                                 |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                            |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes | 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 Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user |