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## Product Datasheet

### **AKT1 (Prognostic Marker for Neuroendocrine Tumors) (AKT1/2552), 1mg/mL, Clone: [AKT1/2552], Mouse, Monoclonal BOT-BNUM2552-50**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | AKT1 (Prognostic Marker for Neuroendocrine Tumors) (AKT1/2552),<br>1mg/mL, Clone: [AKT1/2552], Mouse, Monoclonal                                                                                                                                              |
| Biozol Catalog Number      | BOT-BNUM2552-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM2552-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM2552-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant fragment of human AKT1 protein (around aa 85-189)<br>(exact sequence is proprietary)                                                                                                                                                              |
| Product Description        | This antibody recognizes a protein of 62 kDa, which is identified as AKT1. The serine/threonine kinase Akt family contains several members, including Akt1 (also designated PKB or RacPK), Akt2 (also designated PKBbeta or RacPK-beta) and Akt3 (also des... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [AKT1/2552]                                                                                                                                                                                                                                                   |
| Molecular Weight           | 62 kDa                                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P31749</a>                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Buffer            | PBS, no BSA, no 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): 1-2 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |