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## Product Datasheet

### **AKT1 Antibody, Clone: [RASTPK-1], Mouse, Monoclonal NSJ-V3798-100UG**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | AKT1 Antibody, Clone: [RASTPK-1], Mouse, Monoclonal                                                                                                                                                                                                           |
| Biozol Catalog Number      | NSJ-V3798-100UG                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | V3798-100UG                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | NSJ-V3798-100UG                                                                                                                                                                                                                                               |
| Manufacturer               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC-P                                                                                                                                                                                                                                                         |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | A portion of amino acids 85-189 from the human protein was used as the immunogen for the AKT1 antibody.                                                                                                                                                       |
| Product Description        | AKT1 is one of 3 closely related serine/threonine-protein kinases (AKT1, AKT2 and AKT3) called the AKT kinase, and which regulate many processes including metabolism, proliferation, cell survival, growth and angiogenesis. This is mediated through ser... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [RASTPK-1]                                                                                                                                                                                                                                                    |
| UniProt                    | <a href="#">P31749</a>                                                                                                                                                                                                                                        |
| Purity                     | Protein G affinity chromatography                                                                                                                                                                                                                             |

|                    |                                                                                                                                                                                          |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form               | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide                                                                                                               |
| Antibody Type      | Primary Antibody                                                                                                                                                                         |
| Application Dilute | IHC (FFPE): 1-2ug/ml for 30 min at RT                                                                                                                                                    |
| Application Notes  | The stated application concentrations are suggested starting points. Titration of the AKT1 antibody may be required due to differences in protocols and secondary/substrate sensitivity. |