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## Product Datasheet

### **AKT1 Antibody, IgG2a, Clone: [14E5.A2.B2.H9], Mouse, Monoclonal ROC-200-301-I51L**

|                            |                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | AKT1 Antibody, IgG2a, Clone: [14E5.A2.B2.H9], Mouse, Monoclonal                                                                              |
| Biozol Catalog Number      | ROC-200-301-I51L                                                                                                                             |
| Supplier Catalog Number    | 200-301-I51L                                                                                                                                 |
| Alternative Catalog Number | ROC-200-301-I51L                                                                                                                             |
| Manufacturer               | Rockland Immunochemicals                                                                                                                     |
| Host                       | Mouse                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                   |
| Application                | ELISA, FC, WB                                                                                                                                |
| Species Reactivity         | Human, Mouse                                                                                                                                 |
| Immunogen                  | Anti-AKT1 Antibody was produced by repeated immunizations with a synthetic peptide corresponding to internal residues of human AKT1 protein. |
| Conjugation                | Unconjugated                                                                                                                                 |
| Clonality                  | Monoclonal                                                                                                                                   |
| Concentration              | 1.0 mg/ml by UV absorbance at 280 nm                                                                                                         |
| Clone Designation          | [14E5.A2.B2.H9]                                                                                                                              |
| Isotype                    | IgG2a                                                                                                                                        |
| NCBI                       | <a href="#">31749</a>                                                                                                                        |
| UniProt                    | <a href="#">P31749</a>                                                                                                                       |

|                    |                                                                                                                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                     |
| Form               | Liquid (sterile filtered)                                                                                                                                                                                                                                      |
| Target             | Human                                                                                                                                                                                                                                                          |
| Antibody Type      | Primary Antibody                                                                                                                                                                                                                                               |
| Application Dilute | ELISA: 1:2,000 - 1:10,000, Flow Cytometry: User Optimized, IHC: 20 µg/mL, WB: 1:1000                                                                                                                                                                           |
| Application Notes  | Anti-AKT1 Antibody has been tested in ELISA, flow cytometry, and western blotting. This antibody is suitable for immunoprecipitation and immunohistochemistry. Expect a band approximately 56 kDa in size corresponding to AKT1 protein by western blotting in |