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## Product Datasheet

### **AKT1 Antibody Combo Pack, IgG2a, Clone: [14E5.A2.B2.H9], Mouse, Monoclonal ROC-K-I51**

|                            |                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | AKT1 Antibody Combo Pack, IgG2a, Clone: [14E5.A2.B2.H9], Mouse, Monoclonal                                                                                                                                                                                                 |
| Biozol Catalog Number      | ROC-K-I51                                                                                                                                                                                                                                                                  |
| Supplier Catalog Number    | K-I51                                                                                                                                                                                                                                                                      |
| Alternative Catalog Number | ROC-K-I51                                                                                                                                                                                                                                                                  |
| Manufacturer               | Rockland Immunochemicals                                                                                                                                                                                                                                                   |
| Host                       | Mouse                                                                                                                                                                                                                                                                      |
| Category                   | Antikörper                                                                                                                                                                                                                                                                 |
| Application                | ELISA, FC, WB                                                                                                                                                                                                                                                              |
| Species Reactivity         | Human                                                                                                                                                                                                                                                                      |
| Immunogen                  | Anti-AKT1 Antibody was produced by repeated immunizations in mice with a synthetic peptide corresponding to internal residues of human AKT1 protein. Anti-Mouse IgG HRP secondary antibody was produced by repeated immunizations in rabbit with Mouse IgG whole molecule. |
| Conjugation                | Unconjugated                                                                                                                                                                                                                                                               |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                                 |
| Concentration              | 1.0 mg/ml by UV absorbance at 280 nm                                                                                                                                                                                                                                       |
| Clone Designation          | [14E5.A2.B2.H9]                                                                                                                                                                                                                                                            |
| Isotype                    | IgG2a                                                                                                                                                                                                                                                                      |

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|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI               | <a href="#">207</a>                                                                                                                                                                                                                                            |
| UniProt            | <a href="#">P31749</a>                                                                                                                                                                                                                                         |
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                     |
| Form               | Liquid and Lyophilized                                                                                                                                                                                                                                         |
| Target             | Human                                                                                                                                                                                                                                                          |
| 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 with the matched secondary are suitable for ELISA, immunohistochemistry, and western blotting. Expect a band approximately 56 kDa in size corresponding to AKT1 protein by western blotting in the appropriate cell lysate or extract. This |