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## Product Datasheet

### **Biotin Monoclonal Antibody, IgG2a, Clone: [4C7.D5], Mouse ROC-200-301-098S**

|                            |                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------|
| Article Name               | Biotin Monoclonal Antibody, IgG2a, Clone: [4C7.D5], Mouse                                                          |
| Biozol Catalog Number      | ROC-200-301-098S                                                                                                   |
| Supplier Catalog Number    | 200-301-098S                                                                                                       |
| Alternative Catalog Number | ROC-200-301-098S                                                                                                   |
| Manufacturer               | Rockland Immunochemicals                                                                                           |
| Host                       | Mouse                                                                                                              |
| Category                   | Antikörper                                                                                                         |
| Application                | ELISA, IF, WB                                                                                                      |
| Immunogen                  | Biotin conjugated to Keyhole Limpet Hemocyanin (b-KLH)                                                             |
| Conjugation                | Unconjugated                                                                                                       |
| Clonality                  | Monoclonal                                                                                                         |
| Concentration              | 1.0 mg/ml by UV absorbance at 280 nm                                                                               |
| Clone Designation          | [4C7.D5]                                                                                                           |
| Isotype                    | IgG2a                                                                                                              |
| Buffer                     | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                         |
| Form                       | Liquid (sterile filtered)                                                                                          |
| Antibody Type              | Primary Antibody                                                                                                   |
| Application Dilute         | ELISA: 1:20,000, Flow Cytometry: 1-2 µg/mL, IHC: 1:1,000 - 1:5,000, IF Microscopy: 2 ug/mL, WB: 1:2,000 - 1:10,000 |

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| Application Notes | Anti-Biotin antibody has been tested in ELISA, western blot and immunofluorescence and is suitable for lateral flow, immunoprecipitation, immunodiffusion, conjugation and most immunological methods requiring lot-to-lot consistency, high titer and specific |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|