



Specification Sheet

| Antibody against Salmonella enterica Paratyphi (S. Paratyphi) | | |
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| Product Name | Para mAb1-Labeling | |
| Catalog Number | A74-Ab1 | |
| Lot Number | | |
| Description | Monoclonal antibody to Salmonella enterica Paratyphi | |
| Product Profile | Specificity | Specific for Salmonella enterica Paratyphi Cross-reactivity when testing S. enterica Typhi at high concentration (109 CFU/ml) Negative for S. London, S. Typhimurium, S. Derby, S. Potsdam, S. Braenderup and other common pathogenic bacteria |
| | Format | Purified / Liquid |
| | Buffer | 50 mM NaCl, 20 mM PBS pH 7.4, with 0.1% NaN ₃ |
| | Source/Clone | Mouse ascites / Monoclonal |
| | Subclass | IgG1 |
| | Purification | Protein G purified |
| | Concentration | |
| | Purity | >95% |
| | Other | |
| Application | Suitable for use in ELISA or Lateral flow immunoassay (double antibody test for Typhi detection). Other applications have not been tested but use in such assays should not be excluded. | |
| Performance review | <ul style="list-style-type: none"> • Great relationship of activity and Paratyphi concentration at of 10⁵CFU/ml. • Cross-reactivity when testing S. enterica Typhi at high concentration (109 CFU/ml) • No cross reaction with S. London, S. Typhimurium, S. Derby, S. Potsdam, S. Braenderup and other common pathogenic bacteria. • Recommended pair for double antibody immunoassay: Coating: A74-Ab2; Labeling: A74-Ab1 | |
| Store at | 2-8°C. For long-term storage, freeze at -20°C. | |
| Precautions and Disclaimer | This product contains NaN ₃ , which has been classified as Harmful, in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent NaN ₃ build-up in drains. | |
| Note | Centrifuge before opening to ensure complete recovery of vial contents | |
| FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY, NOT FOR USE IN DIAGNOSTIC PRODEDURES | | |