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## Product Datasheet

### **Recombinant Thymidylate Synthase Antibody, Clone: [rTYMS/1884], Mouse, Monoclonal NSJ-V8144-20UG**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Recombinant Thymidylate Synthase Antibody, Clone: [rTYMS/1884],<br>Mouse, Monoclonal                                                                                                                                                                          |
| Artikelnummer            | NSJ-V8144-20UG                                                                                                                                                                                                                                                |
| Hersteller Artikelnummer | V8144-20UG                                                                                                                                                                                                                                                    |
| Alternativnummer         | NSJ-V8144-20UG                                                                                                                                                                                                                                                |
| Hersteller               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | FACS, IF                                                                                                                                                                                                                                                      |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | A recombinant human partial protein (amino acids 60-174) was used as the immunogen for the recombinant Thymidylate Synthase antibody.                                                                                                                         |
| Produktbeschreibung      | It recognizes a protein of 36kDa, identified as Thymidylate Synthase (TS) (EC 2.1.1.45). It converts deoxyuridine monophosphate (dUMP) to deoxythymidine monophosphate (dTMP), which is essential for DNA biosynthesis. TS is also a critical target for t... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Klon-Bezeichnung         | [rTYMS/1884]                                                                                                                                                                                                                                                  |
| UniProt                  | <a href="#">P04818</a>                                                                                                                                                                                                                                        |

|                        |                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------|
| Reinheit               | Protein G affinity chromatography                                                                         |
| Formulierung           | 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 Verdünnung | Flow cytometry: 1-2ug/million cells in 0.1ml, Immunofluorescence: 1-2ug/ml                                |
| Anwendungsbeschreibung | Optimal dilution of the recombinant Thymidylate Synthase antibody should be determined by the researcher. |