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## Product Datasheet

### **Thymidylate Synthase (5-FU Resistance Marker) Antibody, IgG1, Clone: [TS106 + TMS715], Mouse, Monoclonal NBT-7298-MSM3-P1**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Thymidylate Synthase (5-FU Resistance Marker) Antibody, IgG1, Clone: [TS106 + TMS715], Mouse, Monoclonal                                                                                                                                                      |
| Biozol Catalog Number      | NBT-7298-MSM3-P1                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | 7298-MSM3-P1                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | NBT-7298-MSM3-P1-100                                                                                                                                                                                                                                          |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC                                                                                                                                                                                                                                                   |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human thymidylate synthase (TS106 & TMS715)                                                                                                                                                                                                       |
| Product Description        | It recognizes a protein of 36kDa, identified as Thymidylate Synthase (TS) (EC 2.1.1.45). TS converts deoxyuridine monophosphate (dUMP) to deoxythymidine monophosphate (dTMP), which is essential for DNA biosynthesis. TS is also a critical target for t... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [TS106 + TMS715]                                                                                                                                                                                                                                              |
| Molecular Weight           | 36kDa                                                                                                                                                                                                                                                         |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|         |                                                                                                                                                                |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI    | <a href="#">7298</a>                                                                                                                                           |
| UniProt | <a href="#">P04818</a>                                                                                                                                         |
| Form    | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml. |