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## Product Datasheet

### Monoclonal Antibody to Thymidylate Synthase (5-FU Resistance Marker)(Clone : SPM453), Clone: [SPM453], Mouse ABI-36-1773

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Monoclonal Antibody to Thymidylate Synthase (5-FU Resistance Marker)(Clone : SPM453), Clone: [SPM453], Mouse                                                                                                                                                  |
| Artikelnummer            | ABI-36-1773                                                                                                                                                                                                                                                   |
| Hersteller Artikelnummer | 36-1773                                                                                                                                                                                                                                                       |
| Alternativnummer         | ABI-36-1773-100UG                                                                                                                                                                                                                                             |
| Hersteller               | Abeomics                                                                                                                                                                                                                                                      |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | FACS, IF, IHC                                                                                                                                                                                                                                                 |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Recombinant human thymidylate synthase                                                                                                                                                                                                                        |
| Produktbeschreibung      | 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... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Klon-Bezeichnung         | [SPM453]                                                                                                                                                                                                                                                      |
| NCBI                     | <a href="#">7298</a>                                                                                                                                                                                                                                          |
| UniProt                  | <a href="#">P04818</a>                                                                                                                                                                                                                                        |

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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reinheit               | Affinity Chromatography                                                                                                                                                                                                                                         |
| Formulierung           | Purified                                                                                                                                                                                                                                                        |
| Target-Kategorie       | Thymidylate Synthase (5-FU Resistance Marker)                                                                                                                                                                                                                   |
| Application Verdünnung | Flow Cytometry (0.5-1ug/million cells), Immunofluorescence (0.5-1ug/ml), ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 |