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## Product Datasheet

### **Complement 4d (C4d) (Acute Humoral Rejection Marker) Antibody, IgG1, Clone: [SPM545], Mouse, Monoclonal NBT-720-MSM1X-P1ABX**

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Complement 4d (C4d) (Acute Humoral Rejection Marker) Antibody, IgG1, Clone: [SPM545], Mouse, Monoclonal                                                                                                                                                        |
| Biozol Catalog Number      | NBT-720-MSM1X-P1ABX                                                                                                                                                                                                                                            |
| Supplier Catalog Number    | 720-MSM1X-P1ABX                                                                                                                                                                                                                                                |
| Alternative Catalog Number | NBT-720-MSM1X-P1ABX-100                                                                                                                                                                                                                                        |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                             |
| Host                       | Mouse                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                     |
| Application                | IF, IHC                                                                                                                                                                                                                                                        |
| Species Reactivity         | Human                                                                                                                                                                                                                                                          |
| Immunogen                  | Recombinant human Complement 4d protein                                                                                                                                                                                                                        |
| Product Description        | This MAb is specific to Complement 4d (C4d) and it reacts with the secreted as well as cell-bound C4d. C4d is a degradation product of the activated complement factor C4b. Complement 4b is typically activated by binding of Abs to specific target molec... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                     |
| Clone Designation          | [SPM545]                                                                                                                                                                                                                                                       |
| Molecular Weight           | 192kDa (predicted)                                                                                                                                                                                                                                             |
| Isotype                    | IgG1                                                                                                                                                                                                                                                           |

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">720</a>                                                                                                                                                                                                                                           |
| UniProt           | P00L4, P00L5                                                                                                                                                                                                                                                  |
| 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 & azide at 1.0mg/ml.                                                                                        |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                                           |
| Application Notes | Immunofluorescence (1:50-1:100), Immunohistochemistry (Formalin-fixed) (1:200-1:400 for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA, pH 7.5-8.5, for 45 min at 95&degC followed by cooling at RT for 20 |