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## Product Datasheet

### CD40, Mouse Antibody, IgG2a, Clone: [FGK45.5], Rat, Monoclonal NBT-RTM1-2005-P1ABX

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD40, Mouse Antibody, IgG2a, Clone: [FGK45.5], Rat, Monoclonal                                                                                                                                                                                                |
| Biozol Catalog Number      | NBT-RTM1-2005-P1ABX                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | RTM1-2005-P1ABX                                                                                                                                                                                                                                               |
| Alternative Catalog Number | NBT-RTM1-2005-P1ABX-100                                                                                                                                                                                                                                       |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Rat                                                                                                                                                                                                                                                           |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, Functional Studies, IF                                                                                                                                                                                                                                    |
| Species Reactivity         | Mouse                                                                                                                                                                                                                                                         |
| Immunogen                  | Purified recombinant Mouse CD40 fusion protein                                                                                                                                                                                                                |
| Product Description        | Upon binding to its ligand CD154, CD40 acts as a costimulatory molecule for the activation of B cells, dendritic cells, monocytes, and other APCs. CD40 plays roles in B cell activation, differentiation, proliferation and Ig isotype switching as well ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [FGK45.5]                                                                                                                                                                                                                                                     |
| Molecular Weight           | 48kDa                                                                                                                                                                                                                                                         |
| Isotype                    | IgG2a                                                                                                                                                                                                                                                         |
| NCBI                       | <a href="#">21939</a>                                                                                                                                                                                                                                         |

|                   |                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P27512</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 & azide at 1.0mg/ml.                                     |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                        |
| Application Notes | Functional Studies (Order Antibody without BSA & Azide), Flow Cytometry (0.5-1ug/million cells in 0.1ml), Immunofluorescence (1-2ug/ml), Optimal dilution for a specific application should be determined. |