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## Product Datasheet

### **CD61 / Integrin beta-3 / Platelet Glycoprotein IIIa (Platelet Marker) (Y2/51), CF405S conjugate, 0.1mg/mL, Clone: [Y2/51], Mouse, Monoclonal BOT-BNC041652-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD61 / Integrin beta-3 / Platelet Glycoprotein IIIa (Platelet Marker) (Y2/51), CF405S conjugate, 0.1mg/mL, Clone: [Y2/51], Mouse, Monoclonal                                                                                                                  |
| Biozol Catalog Number      | BOT-BNC041652-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC041652-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC041652-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Phytohemagglutinin (PHA)-stimulated peripheral blood cells                                                                                                                                                                                                    |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | This antibody reacts with human integrin beta-3 (GPIIIa, vitronectin receptor beta chain). It associates with the alphaalpha-V-chain (CD51) to form vitronectin receptor, or with the alphaalpha-IIb-chain (CD41) to form the GpIIb/GpIIIa complex (CD41/C... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [Y2/51]                                                                                                                                                                                                                                                       |

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 105 kDa & 90 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt           | <a href="#">P05106</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Flow cytometry: 0.5-1 ug/million cells in 0.1mL Immunofluorescence: 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris, 1 mM EDTA pH 9.0 for 10-20 min followed by cooling at RT for 20 min Immunohistology (frozen or formalin) 1-2 ug/mL Optimal dilution for a specific application should be determined by user |