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## Product Datasheet

### **CD50 (ICAM-3)(186-2G9), CF405S conjugate, 0.1mg/mL, Clone: [186-2G9], Mouse, Monoclonal BOT-BNC040178-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD50 (ICAM-3)(186-2G9), CF405S conjugate, 0.1mg/mL, Clone: [186-2G9], Mouse, Monoclonal                                                                                                                                                                       |
| Biozol Catalog Number      | BOT-BNC040178-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC040178-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC040178-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IF, IHC                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Stimulated human leukocytes                                                                                                                                                                                                                                   |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | Recognizes the D1 domain of an N-glycosylated glycoprotein of 120 kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3 (Leucocyte Workshop VI). CD50 is the major ligand for LFA-1 (CD11a/CD18) and may have signaling role to increase adhe... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [186-2G9]                                                                                                                                                                                                                                                     |

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 110-160 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt           | <a href="#">P32942</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Immunohistology formalin-fixed 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Blocks binding of CD11a LFA-1 to CD50 ICAM-3 Optimal dilution for a specific application should be determined by user</p> |