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## Product Datasheet

### **GLUT-1 (Tumor Progression and Mesothelioma Marker) (GLUT1/2475), CF647 conjugate, 0.1mg/mL, Clone: [GLUT1/2475], Mouse, Monoclonal BOT-BNC472475-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | GLUT-1 (Tumor Progression and Mesothelioma Marker) (GLUT1/2475), CF647 conjugate, 0.1mg/mL, Clone: [GLUT1/2475], Mouse, Monoclonal                                                                                                                            |
| Biozol Catalog Number      | BOT-BNC472475-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC472475-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC472475-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC, WB                                                                                                                                                                                                                                               |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant fragment of human GLUT1 protein (around aa 203-305) (exact sequence is proprietary)                                                                                                                                                               |
| Conjugation                | CF647                                                                                                                                                                                                                                                         |
| Product Description        | This antibody recognizes a protein of 55 kDa, which is identified as GLUT-1. Glucose transporters are integral membrane glycoproteins involved in transporting glucose into most cells. There are many types of glucose transport carrier proteins, design... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |

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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone Designation | [GLUT1/2475]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Molecular Weight  | 55 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UniProt           | <a href="#">P11166</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 ELISA: 1-2 ug/mL, for coating order Ab without BSA Immunohistology (formalin): 0.5-1 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user</p> |