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## Product Datasheet

### **Catenin, alpha-1 (CTNNA1) (1G5), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [1G5], Mouse, Monoclonal BOT-BNC041364-500**

|                            |                                                                                                                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Catenin, alpha-1 (CTNNA1) (1G5), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [1G5], Mouse, Monoclonal                                                                                                                                                                        |
| Biozol Catalog Number      | BOT-BNC041364-500                                                                                                                                                                                                                                                         |
| Supplier Catalog Number    | BNC041364-500                                                                                                                                                                                                                                                             |
| Alternative Catalog Number | BOT-BNC041364-500-500UL                                                                                                                                                                                                                                                   |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                                   |
| Host                       | Mouse                                                                                                                                                                                                                                                                     |
| Category                   | Antikörper                                                                                                                                                                                                                                                                |
| Application                | WB                                                                                                                                                                                                                                                                        |
| Species Reactivity         | Human                                                                                                                                                                                                                                                                     |
| Immunogen                  | Human alpha catenin fusion protein                                                                                                                                                                                                                                        |
| Conjugation                | CF405S                                                                                                                                                                                                                                                                    |
| Product Description        | Alpha-E-catenin (also known as Alpha-1 catenin) is part of the catenin family, a large family of Ca <sup>2+</sup> -dependent, homotypic cell-cell adhesion molecules that play important roles in development, epithelial cell polarity and tumor progression. Alpha-E... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                                |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                                 |
| Clone Designation          | [1G5]                                                                                                                                                                                                                                                                     |

|                   |                                                                                                                                                                                                                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 102 kDa                                                                                                                                                                                                                                                                                                                          |
| Isotype           | IgG1                                                                                                                                                                                                                                                                                                                             |
| UniProt           | <a href="#">P35221</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 Immunofluorescence: 1-2 ug/mL Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user |