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## Product Datasheet

### **E-Cadherin / CD324 (Intercellular Junction Marker) (4A2), CF405S conjugate, 0.1mg/mL, Clone: [4A2], Mouse, Monoclonal BOT-BNC041429-500**

|                            |                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | E-Cadherin / CD324 (Intercellular Junction Marker) (4A2), CF405S conjugate, 0.1mg/mL, Clone: [4A2], Mouse, Monoclonal                                                                                                                                                      |
| Biozol Catalog Number      | BOT-BNC041429-500                                                                                                                                                                                                                                                          |
| Supplier Catalog Number    | BNC041429-500                                                                                                                                                                                                                                                              |
| Alternative Catalog Number | BOT-BNC041429-500-500UL                                                                                                                                                                                                                                                    |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                                    |
| Host                       | Mouse                                                                                                                                                                                                                                                                      |
| Category                   | Antikörper                                                                                                                                                                                                                                                                 |
| Application                | FC, IF, IHC, IP, WB                                                                                                                                                                                                                                                        |
| Species Reactivity         | Human, Mouse, Rat                                                                                                                                                                                                                                                          |
| Immunogen                  | Recombinant human full-length E-Cadherin protein                                                                                                                                                                                                                           |
| Conjugation                | CF405S                                                                                                                                                                                                                                                                     |
| Product Description        | This antibody recognizes a protein of 120-80 kDa, identified as E-cadherin. Cadherins comprise a family of Ca <sup>2+</sup> -dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis.... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                                 |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                                  |
| Clone Designation          | [4A2]                                                                                                                                                                                                                                                                      |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 120-80 kDa (Mature), 135 kDa (Precursor)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt           | <a href="#">P12830</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): 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 min 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</p> |