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## Product Datasheet

### **Ep-CAM / CD326 (Extracellular Domain) (Epithelial Marker) (EGP40/1373), CF405S conjugate, 0.1mg/mL, IgG2b, Clone: [EGP40/1373], Mouse, Monoclonal BOT-BNC041373-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Ep-CAM / CD326 (Extracellular Domain) (Epithelial Marker) (EGP40/1373), CF405S conjugate, 0.1mg/mL, IgG2b, Clone: [EGP40/1373], Mouse, Monoclonal                                                                                                             |
| Biozol Catalog Number      | BOT-BNC041373-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC041373-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC041373-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IF, IHC, WB                                                                                                                                                                                                                                                   |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human EpCAM protein fragment from the extracellular domain (aa77-202) (exact sequence is proprietary)                                                                                                                                             |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | EGP40 is a 40-43 kDa transmembrane epithelial glycoprotein, also identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (Ep-CAM). It is expressed on baso-lateral cell surface in most simple epithelia and a vast majo... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone Designation | [EGP40/1373]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Molecular Weight  | 40-43 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype           | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt           | <a href="#">P16422</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: 1-2 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 Optimal dilution for a specific application should be determined by user</p> |