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## Product Datasheet

### **CD99 / MIC2 (Ewings Sarcoma Marker)(12E7 + MIC2/877), CF405S conjugate, 0.1mg/mL, Clone: [12E7 MIC2/877], Mouse, Monoclonal BOT-BNC040878-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD99 / MIC2 (Ewings Sarcoma Marker)(12E7 + MIC2/877), CF405S conjugate, 0.1mg/mL, Clone: [12E7 MIC2/877], Mouse, Monoclonal                                                                                                                                   |
| Biozol Catalog Number      | BOT-BNC040878-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC040878-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC040878-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Human acute lymphocytic leukemia T-cells (12E7), Recombinant human MIC2 protein (MIC2/877)                                                                                                                                                                    |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | This antibody recognizes a sialoglycoprotein of 27-32 kDa, identified as CD99, or MIC2 gene product, or E2 antigen. MIC2 gene is located in the pseudo-autosomal region of the human X and Y chromosome. MIC2 gene encodes two distinct proteins, which ar... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [12E7 MIC2/877]                                                                                                                                                                                                                                               |

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| Molecular Weight  | 27-32 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt           | <a href="#">P14209</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application Notes | Flow cytometry: 5-10 uL/million cells Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistochemistry (formalin-fixed): 1:100-1:200 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 Immunofluorescence 1:100-1:200 Optimal dilution for a specific application should be determined by user |