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## Product Datasheet

### **S100A4 (Marker of Tumor Metastasis) (S100A4/1481), 1mg/mL, Clone: [S100A4/1481], Mouse, Monoclonal BOT-BNUM1481-50**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | S100A4 (Marker of Tumor Metastasis) (S100A4/1481), 1mg/mL, Clone: [S100A4/1481], Mouse, Monoclonal                                                                                                                                                            |
| Biozol Catalog Number      | BOT-BNUM1481-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM1481-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM1481-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC, WB                                                                                                                                                                                                                                               |
| Species Reactivity         | Human, Mouse                                                                                                                                                                                                                                                  |
| Immunogen                  | Recombinant human S100A4 protein                                                                                                                                                                                                                              |
| Product Description        | S100A4 belongs to the S100 super-family of proteins containing 2 EF-hand calcium-binding domains. S100 genes include at least 25 members, including S100A1-S100A18, trichohyalin, filaggrin, repetin, S100P, and S100Z. S100A4 exerts its function via dir... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [S100A4/1481]                                                                                                                                                                                                                                                 |
| Molecular Weight           | 10-12 kDa                                                                                                                                                                                                                                                     |

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P26447</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer            | PBS, no BSA, no 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): 0.25-0.5 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> |