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## Product Datasheet

### **MMP2 / Collagenase Type IV A (Tumor Metastasis Marker) (MMP2/1501), 1mg/mL, IgG1, Clone: [MMP2/1501], Mouse, Monoclonal BOT-BNUM1501-50**

|                            |                                                                                                                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MMP2 / Collagenase Type IV A (Tumor Metastasis Marker) (MMP2/1501), 1mg/mL, IgG1, Clone: [MMP2/1501], Mouse, Monoclonal                                                                                                                                          |
| Biozol Catalog Number      | BOT-BNUM1501-50                                                                                                                                                                                                                                                  |
| Supplier Catalog Number    | BNUM1501-50                                                                                                                                                                                                                                                      |
| Alternative Catalog Number | BOT-BNUM1501-50-50UL                                                                                                                                                                                                                                             |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                          |
| Host                       | Mouse                                                                                                                                                                                                                                                            |
| Category                   | Antikörper                                                                                                                                                                                                                                                       |
| Application                | WB                                                                                                                                                                                                                                                               |
| Species Reactivity         | Human                                                                                                                                                                                                                                                            |
| Immunogen                  | Recombinant human MMP2 protein fragment (aa444-575) (exact sequence is proprietary)                                                                                                                                                                              |
| Product Description        | This antibody recognizes a protein of 72 kDa, which is identified as MMP2. The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, Fibronectin... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                       |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                          |
| Clone Designation          | [MMP2/1501]                                                                                                                                                                                                                                                      |

|                   |                                                                                                                                                                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 72 kDa (Pro), 63 kDa (cleaved)                                                                                                                                                                                                                                                                                                     |
| Isotype           | IgG1                                                                                                                                                                                                                                                                                                                               |
| UniProt           | <a href="#">P08253</a>                                                                                                                                                                                                                                                                                                             |
| Buffer            | PBS, no BSA, no 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: 0.5-1 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 |