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## Product Datasheet

### **MMP2 / Collagenase Type IV A (Tumor Metastasis Marker) Antibody, IgG1, Clone: [4D3], Mouse, Monoclonal NBT-4313-MSM4-P1ABX**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MMP2 / Collagenase Type IV A (Tumor Metastasis Marker) Antibody, IgG1, Clone: [4D3], Mouse, Monoclonal                                                                                                                                                        |
| Biozol Catalog Number      | NBT-4313-MSM4-P1ABX                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | 4313-MSM4-P1ABX                                                                                                                                                                                                                                               |
| Alternative Catalog Number | NBT-4313-MSM4-P1ABX-100                                                                                                                                                                                                                                       |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human MMP2 protein fragment (aa557-569)                                                                                                                                                                                                           |
| Product Description        | It recognizes a protein of 72kDa, 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, Laminin... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [4D3]                                                                                                                                                                                                                                                         |
| Molecular Weight           | 72kDa (Pro), 63kDa (cleaved)                                                                                                                                                                                                                                  |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">4313</a>                                                                                                                                                                                                                                           |
| UniProt           | <a href="#">P08253</a>                                                                                                                                                                                                                                         |
| Form              | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                         |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                                            |
| Application Notes | Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes),Optimal dilutio |