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## Product Datasheet

### **CD44v4 (Marker of Tumor Metastasis) (CD44v4/1700R), 1mg/mL, Clone: [CD44v4/1700R], Rabbit, Monoclonal BOT-BNUM1700-50**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD44v4 (Marker of Tumor Metastasis) (CD44v4/1700R), 1mg/mL, Clone: [CD44v4/1700R], Rabbit, Monoclonal                                                                                                                                                         |
| Biozol Catalog Number      | BOT-BNUM1700-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM1700-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM1700-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant fragment corresponding to the v4 domain of human CD44 (exact sequence is proprietary)                                                                                                                                                             |
| Product Description        | This antibody recognizes an epitope encoded by exon v4 on the variant portion of human CD44. The CD44 molecule belongs to a family of cellular adhesion molecules found on a wide range of normal and malignant cells in epithelial, mesothelial and hemop... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [CD44v4/1700R]                                                                                                                                                                                                                                                |
| Molecular Weight           | 80-95 kDa                                                                                                                                                                                                                                                     |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P16070</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: 0.5-1 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> |