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## Product Datasheet

### **Mouse anti Human HLA Class I Heavy Chain (Restricted expression), IgG1, Clone: [HCA2], Monoclonal NMB-MUB2036P**

|                            |   |
|----------------------------|---|
| Article Name               | Mouse anti Human HLA Class I Heavy Chain (Restricted expression), IgG1, Clone: [HCA2], Monoclonal   |
| Biozol Catalog Number      | NMB-MUB2036P  |
| Supplier Catalog Number    | MUB2036P  |
| Alternative Catalog Number | NMB-MUB2036P  |
| Manufacturer               | NordicMubio   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | ELISA, FC, ICC, IHC, IM, IP, WB   |
| Species Reactivity         | Human   |
| Product Description        | The HLA class I gene family is composed of a group of genes whose products encode cell surface glycoproteins of MW 40-45 kDa, associated non-covalently with the beta-2-microglobulin light chain. They include the three polymorphic molecules HLA-A, -B,... |
| Clonality                  | Monoclonal  |
| Clone Designation          | [HCA2]  |
| Isotype                    | IgG1  |
| Buffer                     | Each vial contains 100 µl 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.  |

|                   |   |
|-------------------|---|
| Source            | HCA2 is a mouse monoclonal IgG1 antibody derived by fusion of SP2/0-Ag14 mouse myeloma cells with spleen cells from BALB/c mice immunized with HLA-B7 and -B40 heavy chains.  |
| Formula           | Each vial contains 100 µl 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.  |
| Application Notes | The antibody HCA2 reacts preferentially with HLA-A locus heavy chains. HCA2 was raised against free class I heavy chains of HLA, to obtain antibodies that would still react with denatured class I antigens, as they occur in Western blotting, conventional |