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## Product Datasheet

### SM-MHC Antibody, Clone: [ID8], Mouse, Monoclonal NSJ-V2750SAF-100UG

|                            |   |
|----------------------------|---|
| Article Name               | SM-MHC Antibody, Clone: [ID8], Mouse, Monoclonal  |
| Biozol Catalog Number      | NSJ-V2750SAF-100UG  |
| Supplier Catalog Number    | V2750SAF-100UG  |
| Alternative Catalog Number | NSJ-V2750SAF-100UG  |
| Manufacturer               | NSJ Bioreagents   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | FACS, IF, IHC-P   |
| Species Reactivity         | Human, Rat  |
| Immunogen                  | Human uterus extract was used as the immunogen for the SM-MHC antibody.   |
| Product Description        | SM-MHC, or Myosin-11, is a smooth muscle myosin belonging to the myosin heavy chain family. Myosin-11 is a subunit of a hexameric protein that consists of two heavy chain subunits and two pairs of non-identical light chain subunits. It is a major con... |
| Clonality                  | Monoclonal  |
| Clone Designation          | [ID8]   |
| UniProt                    | <a href="#">P35749</a>  |
| Purity                     | Protein G affinity chromatography   |
| Form                       | 1 mg/ml in 1X PBS, BSA free, sodium azide free  |

|                    |  |
|--------------------|--|
| Antibody Type      | Primary Antibody   |
| Application Dilute | Flow cytometry: 0.5-1ug/10 <sup>6</sup> cells, Immunofluorescence: 0.5-1ug/ml, Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT  |
| Application Notes  | Optimal dilution of the SM-MHC antibody should be determined by the researcher.1. Staining of formalin/paraffin tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min. |