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## Product Datasheet

### Napsin A Antibody, Clone: [NAPSA/1239], Mouse, Monoclonal NSJ-V2996-20UG

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Napsin A Antibody, Clone: [NAPSA/1239], Mouse, Monoclonal                                                                                                                                                                                                     |
| Biozol Catalog Number      | NSJ-V2996-20UG                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | V2996-20UG                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | NSJ-V2996-20UG                                                                                                                                                                                                                                                |
| Manufacturer               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FACS, IF, IHC-P, WB                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | A recombinant fragment from the human protein (amino acids 189-299) was used as the immunogen for the Napsin A antibody.                                                                                                                                      |
| Product Description        | Napsin-A is a protein that in humans is encoded by the NAPSA gene. The activation peptides of aspartic proteinases plays role as inhibitors of the active site. These peptide segments, or pro-parts, are deemed important for correct folding, targeting,... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [NAPSA/1239]                                                                                                                                                                                                                                                  |
| UniProt                    | <a href="#">O96009</a>                                                                                                                                                                                                                                        |
| Purity                     | Protein G affinity chromatography                                                                                                                                                                                                                             |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form               | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide                                                                                                                                                                                                                                                                                                                                                                                  |
| Antibody Type      | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Application Dilute | Flow cytometry: 0.5-1ug/10 <sup>6</sup> cells, Immunofluorescence: 1-2ug/ml, Western blot: 1-2ug/ml for 60 min at RT, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT                                                                                                                                                                                                                                                                                |
| Application Notes  | Optimal dilution of the Napsin A antibody should be determined by the researcher. 1. Staining of formalin-fixed 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. |