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## Product Datasheet

### Recombinant PMS2 Antibody / PMS1 homolog 2, Clone: [PMS2/4373R], Rabbit, Monoclonal NSJ-V8728-20UG

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant PMS2 Antibody / PMS1 homolog 2, Clone: [PMS2/4373R], Rabbit, Monoclonal                                                                                                                                                                           |
| Biozol Catalog Number      | NSJ-V8728-20UG                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | V8728-20UG                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | NSJ-V8728-20UG                                                                                                                                                                                                                                                |
| Manufacturer               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC-P                                                                                                                                                                                                                                                         |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | A portion of amino acids 1-100 from the human protein was used as the immunogen for the recombinant PMS2 antibody.                                                                                                                                            |
| Product Description        | PMS2 is involved in DNA mismatch repair. It forms a heterodimer with MLH1 and this complex interacts with other complexes bound to mismatched bases. Defects in PMS2 are the cause of hereditary non-polyposis colorectal cancer type 4 (HNPCC4). Mutation... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [PMS2/4373R]                                                                                                                                                                                                                                                  |
| UniProt                    | <a href="#">P54278</a>                                                                                                                                                                                                                                        |
| Purity                     | Protein A 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 | Immunohistochemistry (FFPE): 1-2ug/ml                                                     |
| Application Notes  | Optimal dilution of the recombinant PMS2 antibody should be determined by the researcher. |