

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### MITF Antibody, Clone: [C5/D5], Mouse, Monoclonal NSJ-V2712-100UG

|                            |   |
|----------------------------|---|
| Article Name               | MITF Antibody, Clone: [C5/D5], Mouse, Monoclonal  |
| Biozol Catalog Number      | NSJ-V2712-100UG   |
| Supplier Catalog Number    | V2712-100UG   |
| Alternative Catalog Number | NSJ-V2712-100UG   |
| Manufacturer               | NSJ Bioreagents   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | IHC-P   |
| Species Reactivity         | Human   |
| Immunogen                  | An N-terminus fragment of human MITF protein was used as the immunogen for the MITF antibody.   |
| Product Description        | MITF (microphthalmia transcription factor) is a basic helix-loop-helix-leucine-zipper (bHLH-Zip) transcription factor that regulates the development and survival of melanocytes and retinal pigment epithelium, and also is involved in transcription of ... |
| Clonality                  | Monoclonal  |
| Clone Designation          | [C5/D5]   |
| UniProt                    | <a href="#">O75030</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 | Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT (1) (2)   |
| Application Notes  | Optimal dilution of the MITF antibody should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes2. 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. |