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Product Datasheet

CD31 Antibody, Clone: [C31.10], Mouse, Monoclonal NSJ-V2782-20UG

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| Article Name | CD31 Antibody, Clone: [C31.10], Mouse, Monoclonal |
| Biozol Catalog Number | NSJ-V2782-20UG |
| Supplier Catalog Number | V2782-20UG |
| Alternative Catalog Number | NSJ-V2782-20UG |
| Manufacturer | NSJ Bioreagents |
| Host | Mouse |
| Category | Antikörper |
| Application | FACS, IHC-P, WB |
| Species Reactivity | Human |
| Immunogen | Recombinant human protein was used as the immunogen for the CD31 antibody. |
| Product Description | CD31 (PECAM-1) is a transmembrane glycoprotein member of the immunoglobulin supergene family of adhesion molecules. CD31 is expressed by stem cells of the hematopoietic system and is primarily used to identify and concentrate these cells for experime... |
| Clonality | Monoclonal |
| Clone Designation | [C31.10] |
| UniProt | P16284 |
| Purity | Protein G affinity chromatography |

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| 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: 1-2ug/10 ⁶ cells,Western blot: 1-2ug/ml,Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT |
| Application Notes | Optimal dilution of the CD31 antibody should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 min2. 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. |