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## Product Datasheet

### Carbonic Anhydrase 9 Antibody, Clone: [PN-15], Mouse, Monoclonal NSJ-V2939-20UG

|                            |   |
|----------------------------|---|
| Article Name               | Carbonic Anhydrase 9 Antibody, Clone: [PN-15], Mouse, Monoclonal  |
| Biozol Catalog Number      | NSJ-V2939-20UG  |
| Supplier Catalog Number    | V2939-20UG  |
| Alternative Catalog Number | NSJ-V2939-20UG  |
| Manufacturer               | NSJ Bioreagents   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | FACS, IF, IHC-P, WB   |
| Species Reactivity         | Human   |
| Immunogen                  | The microsomal fraction of human renal cortical tissue homogenate was used as the immunogen for the Carbonic Anhydrase 9 antibody.  |
| Product Description        | Recognizes a glycoprotein identified as carbonic anhydrase IX (CAIX/CA9). Its epitope resides in the carbohydrate domain of CA9. It shows no significant cross-reactivity with other carbohydrate determinants, such as the Lewis blood group antigens, ep... |
| Clonality                  | Monoclonal  |
| Clone Designation          | [PN-15]   |
| UniProt                    | <a href="#">Q16790</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: 0.5-1ug/ml, Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT   |
| Application Notes  | Optimal dilution of the Carbonic Anhydrase 9 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. |