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| <b>Product name:</b>     | AQP2 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                    |
| <b>Cat number:</b>       | MABN81941                                                                                                                                                                                                                                                                                                         |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                      |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                             |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                        |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                            |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                                                                                                             |
| <b>Isotype:</b>          | Mouse IgG1                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen:</b>        | Purified recombinant fragment of human AQP2 (AA: 149-271) expressed in E. Coli.                                                                                                                                                                                                                                   |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                             |
| <b>Applications:</b>     | ELISA 1:5000-1:20000                                                                                                                                                                                                                                                                                              |
| <b>Molecular Weight:</b> | 28.8kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                             |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                            |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide                                                                                                                                                                                                                                                                  |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                      |
| <b>Background:</b>       | This gene encodes a water channel protein located in the kidney collecting tubule. It belongs to the MIP/aquaporin family, some members of which are clustered together on chromosome 12q13. Mutations in this gene have been linked to autosomal dominant and recessive forms of nephrogenic diabetes insipidus. |