

## Anti-Aquaporin 4 Rabbit Monoclonal Antibody

### Introduction

Forms a water-specific channel. Osmoreceptor which regulates body water balance and mediates water flow within the central nervous system.

### Product parameters

|                    |   |
|--------------------|---|
| Alternative Names  | AQP4; Aquaporin-4; AQP-4; Mercurial-insensitive water channel; MIWC; WCH4                         |
| Gene ID            | 361   |
| Gene Name          | AQP4  |
| SwissProt ID       | P55087  |
| Host               | Rabbit  |
| Reactivity         | Human, Rat  |
| Molecular Weight   | -   |
| Conjugation        | Unconjugated  |
| Ex                 | -   |
| Em                 | -   |
| Modification       | Unmodified  |
| Clonality          | IgG   |
| Isotype            | Monoclonal Antibody   |
| Clonality No.      | AP-12E8G10  |
| Form               | Liquid  |
| Concentration      | See label   |
| Carrier            | Carrier Free  |
| Immunogen          | A synthesized peptide derived from human AQP4   |
| Purification       | Affinity Chromatography   |
| Buffer System      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Application        | IHC-P   |
| Dilution Ratio     | IHC: 1/50-1/100   |
| Research Field     | Cell Biology  |
| Product Categories | Primary antibody  |
| Shipping           | Blue ice  |
| Storage            | -20°C   |

|                 |                                  |
|-----------------|----------------------------------|
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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