

## Anti-PMCA1 Rabbit Monoclonal Antibody

### Introduction

This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of calcium out of the cell.

### Product parameters

|                    |                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------|
| Alternative Names  | ATP2B1; PMCA1                                                                           |
| Gene ID            | 490                                                                                     |
| Gene Name          | ATP2B1                                                                                  |
| SwissProt ID       | P20020                                                                                  |
| Host               | Rabbit                                                                                  |
| Reactivity         | Human, Mouse, Rat                                                                       |
| Molecular Weight   | Calculated MW: 135 kDa; Observed MW: 130-250 kDa                                        |
| Conjugation        | Unconjugated                                                                            |
| Ex                 | -                                                                                       |
| Em                 | -                                                                                       |
| Modification       | Unmodified                                                                              |
| Clonality          | IgG                                                                                     |
| Isotype            | Monoclonal Antibody                                                                     |
| Clonality No.      | AP-6H2G3                                                                                |
| Form               | Liquid                                                                                  |
| Concentration      | See label                                                                               |
| Carrier            | Carrier Not Free                                                                        |
| Immunogen          | A synthetic peptide of human PMCA1                                                      |
| Purification       | Affinity Purified                                                                       |
| Buffer System      | 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA. |
| Application        | WB, IHC-P                                                                               |
| Dilution Ratio     | WB: 1/500-1/1000 IHC: 1/50-1/100                                                        |
| Research Field     | Signal Transduction                                                                     |
| 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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