

## Anti-PAI1 Rabbit Monoclonal Antibody

### Introduction

This inhibitor acts as 'bait' for tissue plasminogen activator, urokinase, and protein C. Its rapid interaction with TPA may function as a major control point in the regulation of fibrinolysis.

### Product parameters

|                    |                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Alternative Names  | SERPINE1; PAI1; PLANH1; Plasminogen activator inhibitor 1; PAI; PAI-1; Endothelial plasminogen activator inhibitor; Serpin E1 |
| Gene ID            | 5054                                                                                                                          |
| Gene Name          | SERPINE1                                                                                                                      |
| SwissProt ID       | P05121                                                                                                                        |
| Host               | Rabbit                                                                                                                        |
| Reactivity         | Human                                                                                                                         |
| Molecular Weight   | Calculated MW: 45 kDa; Observed MW: 45 kDa                                                                                    |
| Conjugation        | Unconjugated                                                                                                                  |
| Ex                 | -                                                                                                                             |
| Em                 | -                                                                                                                             |
| Modification       | Unmodified                                                                                                                    |
| Clonality          | IgG                                                                                                                           |
| Isotype            | Monoclonal Antibody                                                                                                           |
| Clonality No.      | AP-6A6F11                                                                                                                     |
| Form               | Liquid                                                                                                                        |
| Concentration      | See label                                                                                                                     |
| Carrier            | Carrier Free                                                                                                                  |
| Immunogen          | A synthesized peptide derived from human PAI1                                                                                 |
| Purification       | Affinity Chromatography                                                                                                       |
| Buffer System      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                             |
| Application        | WB, ICC/IF, FC, IP                                                                                                            |
| Dilution Ratio     | WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/30 FC: 1/50-1/100                                                                       |
| Research Field     | Cancer                                                                                                                        |
| 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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