

## Anti-Phospho-Src (Tyr419) Rabbit Monoclonal Antibody

### Introduction

Src activity is regulated by tyrosine phosphorylation at two sites, but with opposing effects. While phosphorylation at Tyr416 in the activation loop of the kinase domain upregulates enzyme activity, phosphorylation at Tyr527 in the carboxy-terminal tail by Csk renders the enzyme less active (2).

### Product parameters

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Alternative Names  | SRC; SRC1; Proto-oncogene tyrosine-protein kinase Src; Proto-oncogene c-Src; pp60c-src; p60-Src |
| Gene ID            | 6714                                                                                            |
| Gene Name          | SRC                                                                                             |
| SwissProt ID       | P12931                                                                                          |
| Host               | Rabbit                                                                                          |
| Reactivity         | Human                                                                                           |
| Molecular Weight   | -                                                                                               |
| Conjugation        | Unconjugated                                                                                    |
| Ex                 | -                                                                                               |
| Em                 | -                                                                                               |
| Modification       | Phosphorylated                                                                                  |
| Clonality          | IgG                                                                                             |
| Isotype            | Monoclonal Antibody                                                                             |
| Clonality No.      | AP-9F10G10                                                                                      |
| Form               | Liquid                                                                                          |
| Concentration      | See label                                                                                       |
| Carrier            | Carrier Not Free                                                                                |
| Immunogen          | A synthetic phosphopeptide corresponding to residues surrounding Tyr419 of human Src            |
| 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                                                                                              |
| Dilution Ratio     | WB: 1/500-1/1000                                                                                |
| 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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