

## Anti-alpha B Crystallin Rabbit Monoclonal Antibody

### Introduction

May contribute to the transparency and refractive index of the lens.

### Product parameters

|                    |                                                                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Names  | CRYAB; CRYA2; Alpha-crystallin B chain; Alpha(B)-crystallin; Heat shock protein beta-5; HspB5; Renal carcinoma antigen NY-REN-27; Rosenthal fiber component |
| Gene ID            | 1410                                                                                                                                                        |
| Gene Name          | CRYAB                                                                                                                                                       |
| SwissProt ID       | P02511                                                                                                                                                      |
| Host               | Rabbit                                                                                                                                                      |
| Reactivity         | Human, Rat                                                                                                                                                  |
| Molecular Weight   | Calculated MW: 20 kDa; Observed MW: 20 kDa                                                                                                                  |
| Conjugation        | Unconjugated                                                                                                                                                |
| Ex                 | -                                                                                                                                                           |
| Em                 | -                                                                                                                                                           |
| Modification       | Unmodified                                                                                                                                                  |
| Clonality          | IgG                                                                                                                                                         |
| Isotype            | Monoclonal Antibody                                                                                                                                         |
| Clonality No.      | AP-15E5A10                                                                                                                                                  |
| Form               | Liquid                                                                                                                                                      |
| Concentration      | See label                                                                                                                                                   |
| Carrier            | Carrier Not Free                                                                                                                                            |
| Immunogen          | A synthetic peptide of human Alpha B Crystallin                                                                                                             |
| 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, ICC/IF, IP                                                                                                                                              |
| Dilution Ratio     | WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20                                                                                                                    |
| Research Field     | Signal Transduction                                                                                                                                         |
| Product Categories | Primary antibody                                                                                                                                            |
| Shipping           | Blue ice                                                                                                                                                    |
| Storage            | -20°C                                                                                                                                                       |
| Expiration Date    | 12 months                                                                                                                                                   |

## 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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