

## Anti-xCT Rabbit Monoclonal Antibody

### Introduction

Sodium-independent, high-affinity exchange of anionic amino acids with high specificity for anionic form of cystine and glutamate.

### Product parameters

|                    |                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------|
| Alternative Names  | CCBR1; Cysteine/glutamate transporter; SLC7A11; solute carrier family 7; xCT            |
| Gene ID            | 23657                                                                                   |
| Gene Name          | SLC7A11                                                                                 |
| SwissProt ID       | Q9UPY5                                                                                  |
| Host               | Rabbit                                                                                  |
| Reactivity         | Human, Mouse                                                                            |
| Molecular Weight   | Calculated MW: 55 kDa; Observed MW: 55 kDa                                              |
| Conjugation        | Unconjugated                                                                            |
| Ex                 | -                                                                                       |
| Em                 | -                                                                                       |
| Modification       | Unmodified                                                                              |
| Clonality          | IgG                                                                                     |
| Isotype            | Monoclonal Antibody                                                                     |
| Clonality No.      | AP-6B4G12                                                                               |
| Form               | Liquid                                                                                  |
| Concentration      | See label                                                                               |
| Carrier            | Carrier Not Free                                                                        |
| Immunogen          | A synthetic peptide of human xCT                                                        |
| 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, IP                                                                                  |
| Dilution Ratio     | WB: 1/500-1/1000 IP: 1/20                                                               |
| 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.



**APEx BIO Technology**  
[www.apexbt.com](http://www.apexbt.com)

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

