

## DATASHEET

# Ly-6G/C Rat Monoclonal Antibody(RB6-8C5)

CAT. NO. AMA03848

### KEY FEATURES

|               |   |               |              |
|---------------|---|---------------|--------------|
| Target        | Ly-6G/C   | Source / Host | Rat          |
| Reactivity    | Mouse   | Clonality     | Monoclonal   |
| Applications  | IF/ICC, FC  | Conjugation   | Unconjugated |
| Form / Buffer | Rat IgG2b kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide. | Storage       | at-20°C      |

### BACKGROUND

This gene encodes a transcriptional regulator that forms nuclear bodies and interacts with the transcriptional coactivator CREB binding protein. The encoded protein plays an important role in immunity by regulating the expression of autoantigens and negative selection of autoreactive T-cells in the thymus. Mutations in this gene cause the rare autosomal-recessive systemic autoimmune disease termed autoimmune polyendocrinopathy with candidiasis and ectodermal dystrophy (APECED).

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

|        |                |
|--------|----------------|
| IF/ICC | 1:50 - 1:200   |
| FC     | 1:500 - 1:2000 |

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

|                   |   |
|-------------------|---|
| Description       | Rat monoclonal antibody to Ly-6G/C                              |
| Specificity       | Recognizes mouse Ly-6G/C  |
| Antibody Type     | Primary antibody  |
| Immunogen         | Raised against granulocytes of mouse origin                     |
| Purification      | The antibody was purified by affinity chromatography.           |
| Form/Buffer       | Rat IgG2b kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide. |
| Alternative Names | Lymphocyte antigen 6C1; Ly-6C1; Lymphocyte antigen 6G; Ly-6G    |
| Gene Symbol       | Ly6c1; Ly6g   |
| Entrez Gene       | 17067; 546644(Mouse)  |
| SwissProt         | P0CW02; P35461(Mouse)   |

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET****Ly-6G/C Rat Monoclonal Antibody(RB6-8C5)****CAT. NO. AMA03848****| DATA****| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**| NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.