



Anti-Rat IgG1 monoclonal antibody, clone MARG1-2 [FITC] (CABT-49913MR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Mouse anti rat IgG1, clone MARG1-2 recognizes the heavy chain of the rat immunoglobulin G1 subclass. No cross-reactivity has been found with other rat immunoglobulin classes or subclasses. Flow Cytometry Use 50ul of the suggested working dilution to label 106 cells in 100ul. |
| Specificity | IgG1 |
| Immunogen | Rat IR27 IgG1 myeloma |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | Rat |
| Clone | MARG1-2 |
| Conjugate | FITC |
| Applications | FC |
| Size | 500 µg |
| Preservative | 0.1% Sodium Azide |
| Storage | in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |

GENE INFORMATION

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| Gene Name | Ighg Immunoglobulin heavy chain (gamma polypeptide) [Rattus norvegicus (Norway rat)] |
| Official Symbol | Ighg |
| Synonyms | IGHG; Immunoglobulin heavy chain (gamma polypeptide); RGD1359539; IGG1; |
| Entrez Gene ID | 299354 |
| UniProt ID | P20759 |
| Chromosome Location | 6q32 |
| Pathway | Classical antibody-mediated complement activation; Complement cascade; Creation of C4 and C2 activators; FCGR activation; Fcgamma receptor (FCGR) dependent phagocytosis; Immune System; Initial triggering of complement; |
| Function | antigen binding |