



Anti-Mouse IgG1 polyclonal antibody [R-PE] (CPBT-68086GM)

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

PRODUCT INFORMATION

Product Overview This product recognises mouse IgG. The reagent has been adsorbed to minimise cross-reactivity with rat immunoglobulins and is therefore of particular value in detecting mouse primary antibodies bound to rat tissues. We recommend diluting this product in buffer containing 10% normal rat serum to remove any remaining cross-reactivity. Flow Cytometry Use 50ul of the suggested working dilution to label 10⁶ cells in 100ul.

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| Specificity | IGHG1 |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Mouse |
| Conjugate | PE |
| Applications | FC |
| Format | Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised |
| Size | 100 tests |
| Preservative | 0.09% Sodium Azide |
| Storage | Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. This product should be stored undiluted. DO NOT FREEZE. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. |

GENE INFORMATION

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| Gene Name | Ighg1 immunoglobulin heavy constant gamma 1 (G1m marker) [Mus musculus (house mouse)] |
| Official Symbol | IGHG1 |
| Synonyms | IGHG1; immunoglobulin heavy constant gamma 1 (G1m marker); IgG1; Igh-4; VH7183; |
| Entrez Gene ID | 16017 |
| UniProt ID | P01863 |
| Chromosome Location | 12 F1; 12 62.1 cM |
| Function | antigen binding; |