



Anti-Rat IgG polyclonal antibody [R-PE] (CPBT-66028GA)

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

PRODUCT INFORMATION

Product Overview	This product recognises rat IgG. The reagent has been adsorbed to minimise cross-reactivity with mouse immunoglobulins and is therefore of particular value in detecting rat primary antibodies bound to mouse tissues. We recommend diluting this product in buffer containing 10% normal mouse serum to remove any remaining cross-reactivity. Flow Cytometry Use 50ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	IgG
Immunogen	Whole rat IgG
Isotype	IgG
Source/Host	Goat
Species Reactivity	Rat
Conjugate	PE
Applications	FC
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

Gene Name	Ighg Immunoglobulin heavy chain (gamma polypeptide) [Rattus norvegicus (Norway rat)]
Official Symbol	Ighg
Synonyms	IGHG; Immunoglobulin heavy chain (gamma polypeptide); RGD1359539; IGG;
Entrez Gene ID	299354
UniProt ID	P20760
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; Innate Immune System; Regulation of actin dynamics for phagocytic cup formation; Role of phospholipids in phagocytosis;
Function	antigen binding