



Anti-Rat IgG polyclonal antibody [Dylight® 800] (CPBT-66019RA)

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

PRODUCT INFORMATION

Product Overview	Rabbit F(ab)2 anti Rat IgG antibody recognizes rat IgG, detecting all subclasses in immunodiffusion assays. Flow Cytometry Use 50ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
Specificity	IgG
Immunogen	Purified polyclonal rat IgG.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Conjugate	Dylight 800
Applications	FC; IF; WB
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	in frost free freezers is not recommended. 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

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