



Anti-Rat IgG polyclonal antibody [FITC] (CPBT-66026GA)

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

PRODUCT INFORMATION

Product Overview	This product recognises rat IgG. Cross-reactivity with mouse IgG has been reduced by adsorption, however, we recommend dilution in buffer containing 10% (v/v) normal mouse serum for use upon mouse tissues. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	IgG
Immunogen	Rat IgG
Isotype	IgG
Source/Host	Goat
Species Reactivity	Rat
Conjugate	FITC
Applications	FC
Format	F(ab') ₂ fragment of IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	500 µl
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