



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

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

## PRODUCT INFORMATION

<b>Product Overview</b>	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.
<b>Specificity</b>	IgG
<b>Immunogen</b>	Rat IgG
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Rat
<b>Conjugate</b>	FITC
<b>Applications</b>	FC
<b>Format</b>	F(ab') <sub>2</sub> fragment of IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
<b>Size</b>	500 µl
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">Ighg Immunoglobulin heavy chain (gamma polypeptide) [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	Ighg
<b>Synonyms</b>	IGHG; Immunoglobulin heavy chain (gamma polypeptide); RGD1359539; IGG;
<b>Entrez Gene ID</b>	<a href="#">299354</a>
<b>UniProt ID</b>	P20760
<b>Chromosome Location</b>	6q32
<b>Pathway</b>	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;
<b>Function</b>	antigen binding