



# Anti-Human IgG F(ab')<sub>2</sub> polyclonal antibody [TRITC] (CPBT-65529GH)

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

## PRODUCT INFORMATION

**Product Overview**      Goat anti Human IgG F(ab)<sub>2</sub> antibody recognizes Fab and F(ab)<sub>2</sub> portion of human IgG by IEP. It reacts with other human immunoglobulins through common light chain reactivity. Goat anti Human IgG F(ab)<sub>2</sub> antibody demonstrates minimal cross reactivity with bovine, horse and mouse IgG; other species have not been tested. No reactivity is seen with the Fc portion of human IgG or non-immunoglobulin serum proteins.

<b>Specificity</b>	IgG
<b>Immunogen</b>	Human IgG F(ab') <sub>2</sub>
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	TRITC
<b>Applications</b>	IHC-Fr; FC; IF
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	500 µg
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. 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="#">IGKC immunoglobulin kappa constant [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	IGKC
<b>Synonyms</b>	IGKC; immunoglobulin kappa constant; Km; HCAK1; IGKCD; IGG;
<b>Entrez Gene ID</b>	<a href="#">3514</a>
<b>UniProt ID</b>	P0CG04
<b>Chromosome Location</b>	2p12
<b>Pathway</b>	Adaptive Immune System; Antigen activates B Cell Receptor (BCR) leading to generation of second messengers; Binding and Uptake of Ligands by Scavenger Receptors; Classical antibody-mediated complement activation; Complement cascade; Creation of C4 and C2 activators; FCERI mediated Ca+2 mobilization; FCERI mediated MAPK activation;
<b>Function</b>	antigen binding;