



Anti-Human IgG F(ab')₂ polyclonal antibody [Biotin] (CPBT-65525GH)

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

PRODUCT INFORMATION

Product Overview Goat anti Human IgG F(ab)₂ antibody recognizes Fab and F(ab)₂ portion of human IgG by IEP. It reacts with other human immunoglobulins through common light chain reactivity. Goat anti Human IgG F(ab)₂ 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.

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| Specificity | IgG |
| Immunogen | Human IgG F(ab') ₂ |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Human |
| Conjugate | Biotin |
| Applications | IHC-Fr; ELISA; FC; WB |
| Size | 500 µg |
| Preservative | 0.09% Sodium Azide |
| Storage | 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

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| Gene Name | IGKC immunoglobulin kappa constant [Homo sapiens (human)] |
| Official Symbol | IGKC |
| Synonyms | IGKC; immunoglobulin kappa constant; Km; HCAK1; IGKCD; IGG; |
| Entrez Gene ID | 3514 |
| UniProt ID | P0CG04 |
| Chromosome Location | 2p12 |
| Pathway | 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; |
| Function | antigen binding; |